1989

WEATHER DATA

Alabama
Agricultural
Experiment
Station

Auburn
University

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Director

Auburn
University, Alabama

Agricultural
Weather
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TABLE OF CONTENTS

DATA COMPILED BY
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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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. EXPERIMENT STATION WEATHER DATA
24	1984 ALA. AG. EXPERIMENT STATION WEATHER DATA
25	1985 ALA. AG. EXPERIMENT STATION WEATHER DATA
26	1986 ALA. AG. EXPERIMENT STATION WEATHER DATA
27	1987 ALA. AG. EXPERIMENT STATION WEATHER DATA
28	1988 ALA. AG. EXPERIMENT STATION WEATHER DATA

Other Publications of Interest:

AAES Circular June 1976	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

1989 WEATHER SUMMARY FOR THE STATE OF ALABAMA

ANNUAL SUMMARY...

Rainfall totals in 1989 showed a marked contrast from the previous dry year. The year started with average temperatures above normal in January. Rain amounts ranged from above normal in the north to below normal in the south. The wet weather continued over the north in February with drier weather near the coast. Although temperatures averaged above normal, lows in the teens occurred on February 23 to 25 with lower 20's along the coast. March continued the above normal temperatures and above normal rain in the north. Rain amounts continued below normal in the south but no extended dry periods had occurred since the beginning of the year. Monthly temperatures continued to average below normal through August. Rain amounts were variable from March through May with many monthly totals below normal but no extended dry periods. June was a very wet month with 6 to 12 inches of rain at most locations. Above normal rain amounts continued in July except for Mobile and Baldwin counties. Five to 10 inches of rain were common. Drier weather returned to the state in August, with most rain totals 1 to 3 inches but with less than 1 inch in the extreme southeast. Temperatures averaged near normal over most of the state during September and October, with variable rain amounts from well above normal to below normal. November was warm and wet. Lows dipped into the 20's except for low 30's along the coast. Rain amounts were 4 to 6 inches north and 3 to 6 inches south. December ended the year with cold weather and below normal rainfall north and above normal south. Two- to 4-inch amounts were common over the north, with 5 to 7 inches central and south. Some snow occurred in the north and light snow in the south provided one of the first white Christmas holidays on record. Temperatures averaged 7 to 10 degrees below normal. Lows fell into the minus reading across the north with single digits all the way to the coast over the Christmas holiday period. Most of Alabama received 60 to 75 inches of rain during the year. The heavier amounts occurred across the Tennessee Valley and over portions of central Alabama. In these areas, the annual rain amounts were 10 to 20 inches above normal. Elsewhere, annual rain totals were generally 5 to 10 inches above normal. Rain periods were well distributed during the year, with extended dry periods mostly during August. It is notable that no extended periods of extremely hot weather occurred during the year. Highest temperatures ranged from middle 90's in the north to middle and upper 90's central and south. No reporting station recorded a 100-degree reading during the year. No tropical storm system became a major threat to the state although hurricane Hugo caused major damage along the South Carolina coast.

MONTHLY HIGHLIGHTS...

Ample rain finally occurred over the northern half of the state on 12 to 14 days in January, with totals of 5 to 10 inches common.

This was 1 to 4 inches above normal for the month. In the remainder of Alabama, rain fell on 9 to 13 days with amounts of 2 to 4 inches common. This was 1 to 3 inches below normal. Temperatures were warm, with the monthly average 5 to 10 degrees above normal everywhere. The warmest afternoon highs were in the low 70's across the Tennessee Valley with upper 70's central and south. Extreme lows were in the low to middle 20's north with upper 20's and low 30's central and south to middle 30's in Mobile and Baldwin counties.

Considerable rain continued over the Tennessee Valley in February, with most totals between 7 and 10 inches. Albertville reported almost 13 inches. Elsewhere most amounts were between 2 and 4 inches with less than 2 inches closer to the coast. Rain was reported on 15 days in the Tennessee Valley and only 5 days in the extreme southwest. Average temperatures for February were a degree or two above normal. However, a hard freeze hit Alabama on February 23-25. Lows fell into the teens except for low 20's near the Florida border and along the coast. The warmest afternoon temperatures ranged from upper 70's in the extreme north to low 80's elsewhere.

March was a warm month. Average temperatures were 1 to 4 degrees above normal. The warmest highs were in the low 80's north with middle and upper 80's central and south. The coldest lows ranged from around 30 degrees in the northern half of the state to low 30's over Mobile and Baldwin counties. Rain fell on 8 to 11 days during the month, with totals of 5 to 8 inches. This was an inch below normal to an inch above normal. Rain totals since January 1 were 15 to 24 inches in the northern portion of the state and 10 to 15 inch amounts central and south. This was 4 to 8 inches above normal in the north and 2 to 8 inches below normal in the central and south.

Temperatures for April averaged 2 to 4 degrees below normal, but extremes in both highs and lows did occur. The extreme highs were in the upper 80's with some low 90's in the southeast. Extreme lows were in the upper 20's north. In the central and south most lows were in the low and middle 30's with upper 20's in colder locations. Rain fell on 5 to 10 days. Amounts were 1 to 4 inches in the north and 2 to 6 inches in the central and south.

Temperatures for most of May were below normal. The final week of the month brought readings much above normal. Overall average temperatures for May were around 2 degrees below normal. Extremes ranged from 94 at Headland and Brewton to 36 at Pinson. Most of Alabama reported at least 4 inches of rain during the month. The greatest monthly total was 7 inches at Fairhope. Rain fell on about 10 days in most areas with the usual variability which provided some locations several inches more than normal while other areas ended the month with a 1- to 2-inch deficit.

June was a very wet month across Alabama. Rain was recorded on 12 to 18 days during the month. Totals of 6 to 9 inches were common, with local areas receiving 10 to 12 inches. Some isolated locations in the central counties recorded 16 to 18 inches of rain. Most totals were 5 to 10 inches above normal. Temperatures averaged 1 to 2 degrees below normal. The warmest daily temperatures were in the low to mid 90's while the coolest lows were in the mid-50's north to mid-60's south.

The wet weather continued in July. Only areas in Mobile and Baldwin Counties ended the month with below normal rainfall. Rain was recorded on 15 to 20 days of the month. Totals of 5 to 10 inches were common with local areas recording over 10 inches. Some of the heavier rain amounts include 14.56 inches at Centerville and 14.21 at Wadley. Average temperatures for the month were 1 to 2 degrees below normal. Several stations reported a maximum of 96 degrees.

A return to drier weather occurred in August. Rain fell on 2 to 5 days in the northeast and 5 to 8 days in the remainder of the state. Rain totals were mostly between 1 and 3 inches, which was generally 1 to 2 inches below normal. Near 5 inches was recorded only in isolated areas. The main exception to this rain pattern was in the southeast where a number of areas recorded under 1 inch of rain, with totals 2 to 3.5 inches below normal. Temperatures averaged 1 to 3 degrees below normal. The warmest highs ranged from middle 90's in the north to upper 90's central and south. Lows cooled into the low 50's in the Tennessee Valley to around 60 degrees central, with low 60's in the extreme southeast and Mobile and Baldwin counties.

Rain was reported around 15 days during September in the north and 5 to 10 days over the remainder of the state. Most totals were between 3 and 6 inches but amounts varied over a wide range. The lowest amounts occurred in the south with just over an inch of rain falling at some locations. Several north Alabama locations had totals near 11 inches. Average temperatures were within a degree of normal. Nearly all reporting stations had maximums in the 90's, with 98 at Mobile being the warmest. Lowest readings were in the 40's except for the middle and upper 50's in the southeast and coastal areas. The lowest reading was 41 at Winfield.

Temperatures in October were near normal except for the extreme west and southwest where they averaged 1 to 3 degrees below normal. The warmest highs were in the 80's with a few upper 80's in the south. Coldest temperatures ranged from upper 20's to low 30's with some low and middle 20's in normally colder locations. Precipitation amounts were generally below normal during the month. Rain was recorded on only 3 to 6 days during the month. Heavier amounts occurred in the Wiregrass area where 5- to 7-inch amounts were common. Elsewhere, rain totals were in the 2- to 4- inch range with a few areas receiving less than 2 inches.

November was warm with average temperatures 1 to 3 degrees above normal and rainfall generally above normal. The warmest highs were around 80 degrees in the north to low and middle 80's in the central and southern areas. The coldest temperatures were in the low and middle 20's in the north with teens in colder locations, while middle to upper 20's occurred elsewhere except for low 30's in Mobile and Baldwin counties. Rain was reported on 8 to 12 days. In the north, rain totals were mostly between 4 and 6 inches with over 7 inches in local areas, while in the central and south the totals were mostly between 3 and 6 inches with local amounts over 10 inches in the extreme south and southeast.

December was a cold month with precipitation amounts 1 to 2 inches below normal in the north and 1 to 2 inches above normal in the south. The average temperatures for the month were 7 to 10 degrees below normal. Daily highs only warmed to around 70 degrees across the Tennessee Valley with low 70's central and south. The coldest lows were near minus 5 degrees over the northern half of the state with single digits all the way to the coast. Precipitation was recorded on 9 to 12 days with some snow in the north and flurries along the southern border. Rain totals were between 2 and 4 inches in the north with local areas recording over 6 inches. Five- to 7-inch amounts were common in the central and south with over 9 inches in local areas.

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 about one-half mile southwest of the Auburn Post Office on April 1, 1906.

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 Post Office. Mrs. Moore moved on January 2, 1952, to a location 3 miles southwest of the Post Office. 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
9. Maximum/minimum/mean barometric pressure during 24-hour period.

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 = AVE DAILY AIR TEMPERATURE - THRESHOLD 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.

10. PET is Potential EvapoTranspiration. It is based on the Baier Robertson Model. Ref: Soil Moisture Estimator Program System, Tech. Bull. 78, January 1972, Plant Res. Inst., Can. Dept. of Agr. and Estimation of Latent Evaporation From Simple Weather Observations. Baier, W. and Geo. W. Robertson, 1965, Can. J. Plant Sci. 45:276-284.

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 is the data in this publication.

1989 Daily Auburn Weather Data With Monthly Summaries and Daily Normal and Temperature Extremes

Daily Weather Observations: Auburn

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
1/ 1	63	55	59	14	0	9	1.53	59	54	57	NA	22	474	.00
1/ 2	62	32	47	2	0	9	.00	64	47	56	NA	14	3106	.06
1/ 3	60	32	46	1	0	9	.00	60	47	54	.11	6	3091	.05
1/ 4	68	31	50	5	0	9	.03	61	44	53	.03	2	891	.04
1/ 5	53	30	42	-3	0	9	.00	56	41	49	.11	0	3460	.04
1/ 6	55	31	43	-2	0	9	.01	53	41	47	.09	4	2379	.02
1/ 7	71	55	63	18	3	22	.07	60	49	55	.06	18	1631	.04
1/ 8	70	61	66	21	9	38	.07	64	58	61	.07	24	1477	.03
1/ 9	69	44	57	12	9	45	.00	68	51	60	.17	0	2507	.06
1/10	47	41	44	-1	9	45	.01	52	50	51	.02	22	541	.00
1/11	48	45	47	2	9	45	.00	53	50	52	.01	24	544	.00
1/12	56	45	51	6	9	46	.01	56	50	53	.03	24	1081	.00
1/13	63	50	57	12	9	53	.16	59	53	56	.01	24	713	.02
1/14	56	45	51	6	9	54	.06	58	51	55	.08	8	842	.00
1/15	55	44	50	5	9	54	.31	55	51	53	.05	19	1450	.00
1/16	55	39	47	3	9	54	.00	58	48	53	.03	2	1362	.01
1/17	54	32	43	-1	9	54	.00	58	41	50	.09	0	3324	.04
1/18	57	31	44	0	9	54	.00	57	41	49	.08	0	3770	.06
1/19	61	31	46	2	9	54	.00	56	41	49	.11	1	3543	.07
1/20	55	38	47	3	9	54	.10	52	45	49	.02	24	4101	.05
1/21	52	31	42	-2	9	54	.00	55	40	48	.07	2	1550	.02
1/22	50	31	41	-4	9	54	.00	52	39	46	.12	0	3247	.03
1/23	55	30	43	-2	9	54	.00	54	39	47	.09	0	3548	.05
1/24	64	30	47	2	9	54	.00	57	39	48	.09	0	3720	.08
1/25	68	34	51	6	9	55	.00	60	43	52	.06	0	3573	.09
1/26	71	38	55	10	9	60	.00	62	44	53	.18	0	3765	.10
1/27	71	50	61	16	10	71	.03	63	47	55	.09	12	2927	.07
1/28	60	37	49	4	10	71	.00	64	44	54	.15	0	3694	.06
1/29	68	40	54	9	10	75	.00	63	44	54	.13	3	3748	.09
1/30	67	45	56	11	10	81	.00	63	49	56	.07	17	2743	.06
1/31	62	36	49	3	10	81	.45	59	46	53	.01	16	1278	.02

AIR TEMPERATURES (in degrees F):
Mean Maximum= 60.2 Mean Minimum= 39.2 Average= 49.7
DFN= +4.7 DFN= +5.5 DFN= +5.1
Highest= 71 Lowest= 30

PRECIPITATION STATISTICS (inches):
Total= 2.84 DFN= -2.30 Greatest Daily= 1.53 Rain Days= 13

SOIL TEMPERATURES (in degrees F):
Highest= 68 Lowest= 39 Average= 52

AVERAGE DAILY VALUES:
Pan Evaporation= .08 (in) Hours of Wet Vegetation= 9.3
Solar Energy= 2389.7 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .04 (in.)

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

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
2/ 1	66	37	52	6	0	2	.00	63	46	55	.16	8	4100	.09
2/ 2	74	55	65	19	5	17	.00	64	53	59	.06	9	2059	.06
2/ 3	77	60	69	23	14	36	.00	70	58	64	.12	9	3213	.09
2/ 4	74	41	58	12	14	44	Trace	68	54	61	.11	2	2290	.08
2/ 5	47	41	44	-2	14	44	.16	58	51	55	.05	10	1448	.00
2/ 6	51	42	47	1	14	44	.09	55	51	53	.02	24	741	.00
2/ 7	58	38	48	2	14	44	.03	61	51	56	.03	24	1547	.01
2/ 8	47	31	39	-7	14	44	.00	57	44	51	.07	0	2420	.00
2/ 9	50	26	38	-8	14	44	.00	58	39	49	NA	0	4109	.05
2/10	41	17	29	-17	14	44	.00	54	37	46	NA	0	4559	.04
2/11	47	20	34	-12	14	44	.00	53	36	45	NA	0	4363	.05
2/12	55	28	42	-5	14	44	.00	57	38	48	.15	0	4428	.07
2/13	65	41	53	6	14	47	.00	64	44	54	.14	0	4349	.09
2/14	68	46	57	10	14	54	.00	63	48	56	.13	8	2865	.07
2/15	73	55	64	17	18	68	.00	66	55	61	.09	16	2342	.06
2/16	79	55	67	20	25	85	.00	75	57	66	.14	24	4162	.12
2/17	75	54	65	18	30	100	.00	74	57	66	.17	6	3876	.10
2/18	56	34	45	-3	30	100	.05	58	47	53	.02	22	740	.05
2/19	36	34	35	-13	30	100	.28	48	44	46	.01	24	635	.00
2/20	45	34	40	-8	30	100	.00	52	44	48	.05	24	1742	.00
2/21	62	44	53	5	30	103	1.46	56	48	52	.10	24	1227	.02
2/22	61	40	51	2	30	104	.01	61	50	56	.07	14	1633	.03
2/23	40	21	31	-18	30	104	.00	50	38	44	NA	2	840	.00
2/24	29	16	23	-26	30	104	Trace	41	35	38	NA	0	2758	.00
2/25	40	17	29	-20	30	104	.00	47	35	41	NA	0	5371	.05
2/26	52	22	37	-12	30	104	.00	52	36	44	NA	1	5116	.08
2/27	54	45	50	0	30	104	Trace	50	44	47	NA	17	759	.01
2/28	67	50	59	9	30	113	.54	56	47	52	.15	5	2258	.05

AIR TEMPERATURES (in degrees F):
Mean Maximum= 56.8 Mean Minimum= 37.3 Average= 47.0
DFN= -2.4 DFN= +2.0 DFN= -.2
Highest= 79 Lowest= 16

PRECIPITATION STATISTICS (inches):
Total= 2.62 DFN= -2.72 Greatest Daily= 1.46 Rain Days= 8

SOIL TEMPERATURES (in degrees F):
Highest= 75 Lowest= 35 Average= 52

AVERAGE DAILY VALUES:
Pan Evaporation= .09 (in) Hours of Wet Vegetation= 9.8
Solar Energy= 2712.5 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .05 (in)

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	1990	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	1990
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

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
3/ 1	61	42	52	2	0	2	Trace	62	48	55	.12	8	3207	.06
3/ 2	48	42	45	-5	0	2	.07	52	48	50	.02	21	1059	.00
3/ 3	46	44	45	-6	0	2	1.05	50	48	49	.01	24	628	.00
3/ 4	54	44	49	-2	0	2	.03	56	48	52	.09	24	1778	.00
3/ 5	65	51	58	7	0	10	.00	57	52	55	.01	24	1008	.02
3/ 6	80	37	59	7	0	19	.35	67	53	60	.16	24	2691	.11
3/ 7	40	32	36	-16	0	19	.00	53	44	49	.07	0	1559	.00
3/ 8	40	33	37	-15	0	19	.00	47	44	46	.04	10	1015	.00
3/ 9	47	34	41	-11	0	19	.00	51	41	46	.07	10	2428	.00
3/10	63	36	50	-3	0	19	.00	61	41	51	.19	0	5627	.12
3/11	69	39	54	1	0	23	.00	65	44	55	.15	3	5530	.13
3/12	73	43	58	5	0	31	.00	67	48	58	.20	3	5371	.14
3/13	79	49	64	10	4	45	.00	70	51	61	.22	2	5187	.15
3/14	78	55	67	13	11	62	.00	70	55	63	.25	12	5958	.16
3/15	80	60	70	16	21	82	.00	75	59	67	.26	8	5084	.14
3/16	77	52	65	11	26	97	.08	73	59	66	.19	10	3843	.11
3/17	75	52	64	9	30	111	.00	75	57	66	.20	0	4903	.13
3/18	80	51	66	11	36	127	.00	77	58	68	.12	5	4601	.14
3/19	78	48	63	8	39	140	.00	81	59	70	.27	0	5776	.16
3/20	75	49	62	6	41	152	.00	80	59	70	.27	0	5849	.15
3/21	74	57	66	10	47	168	.88	73	63	68	.22	14	2450	.07
3/22	67	43	55	-1	47	173	.86	71	55	63	.19	15	2242	.06
3/23	51	40	46	-10	47	173	1.53	59	49	54	NA	20	1391	.03
3/24	43	39	41	-16	47	173	.14	52	48	50	NA	20	1035	.00
3/25	59	41	50	-7	47	173	.00	64	48	56	.05	NA	3883	.07
3/26	63	43	53	-4	47	176	.00	67	51	59	.08	NA	6262	.13
3/27	73	47	60	2	47	186	.00	72	51	62	.16	NA	5573	.14
3/28	80	53	67	9	54	203	.00	77	56	67	.23	5	6045	.17
3/29	82	54	68	10	62	221	.00	77	59	68	.22	7	6315	.18
3/30	79	58	69	10	71	240	1.20	77	60	69	.23	10	5129	.14
3/31	74	58	66	7	77	256	.00	74	61	68	.15	4	4645	.12

AIR TEMPERATURES (in degrees F):
Mean Maximum= 66.2 Mean Minimum= 46.0 Average= 56.1
DFN= -.2 DFN= +3.7 DFN= +1.8
Highest= 82 Lowest= 32

PRECIPITATION STATISTICS (inches):
Total= 6.19 DFN= -.66 Greatest Daily= 1.53 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 81 Lowest= 41 Average= 59

AVERAGE DAILY VALUES:
Pan Evaporation= .15 (in) Hours of Wet Vegetation= 10.1
Solar Energy= 3808.8 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .09 (in)

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	18	1926
15	66	42	54	82	1955	23	1988
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	84	1929	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

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
4/ 1	61	33	47	-12	0	0	.00	64	49	57	.13	0	3212	.07
4/ 2	62	36	49	-11	0	0	.00	70	49	60	.20	0	6822	.14
4/ 3	72	50	61	1	1	11	.00	72	50	61	.29	2	6658	.16
4/ 4	73	57	65	5	6	26	.01	67	58	63	.08	11	2179	.07
4/ 5	77	56	67	6	13	43	3.34	71	60	66	NA	20	2093	.08
4/ 6	67	37	52	-9	13	45	Trace	72	51	62	.20	4	5551	.13
4/ 7	61	44	53	-8	13	48	.12	68	52	60	.19	6	5944	.12
4/ 8	59	39	49	-12	13	48	.00	67	51	59	.22	6	6427	.12
4/ 9	69	45	57	-5	13	55	1.39	63	51	57	.16	23	4714	.12
4/10	46	41	44	-18	13	55	.73	55	49	52	.05	24	886	.01
4/11	44	33	39	-23	13	55	.32	51	43	47	.12	19	879	.02
4/12	56	37	47	-15	13	55	.00	65	43	54	.17	3	7140	.13
4/13	61	43	52	-11	13	57	.00	68	47	58	.17	0	6701	.13
4/14	69	43	56	-7	13	63	.00	71	50	61	.18	8	6353	.15
4/15	69	54	62	-1	15	75	1.21	68	53	61	.17	12	4433	.10
4/16	68	48	58	-6	15	83	.00	70	55	53	.17	11	4137	.10
4/17	72	45	59	-5	15	92	.00	76	55	66	.20	10	8112	.20
4/18	77	51	64	0	19	106	.00	78	56	67	.23	10	7072	.19
4/19	79	54	67	3	26	123	.00	80	59	70	.21	10	6834	.18
4/20	80	56	68	3	34	141	.74	82	61	72	.26	14	4664	.14
4/21	75	52	64	-1	38	155	.00	78	61	70	.22	0	5576	.15
4/22	75	53	64	-1	42	169	.00	80	61	71	.20	8	6659	.17
4/23	80	54	67	2	49	186	.00	83	62	73	.22	6	6849	.19
4/24	80	55	68	2	57	204	.00	82	63	73	.22	5	6450	.18
4/25	81	57	69	3	66	223	Trace	86	64	75	.19	12	6684	.19
4/26	81	57	69	3	75	242	Trace	86	65	76	.23	10	6410	.18
4/27	83	60	72	6	87	264	.00	88	66	77	.24	10	6384	.18
4/28	84	60	72	5	99	286	.00	90	68	79	.25	10	6228	.18
4/29	84	61	73	6	112	309	Trace	93	69	81	.25	4	6380	.19
4/30	78	63	71	4	123	330	.01	86	70	78	.11	14	3747	.11

AIR TEMPERATURES (in degrees F):
Mean Maximum= 70.8 Mean Minimum= 49.1 Average= 60.0
DFN= -5.0 DFN= -1.3 DFN= -3.1
Highest= 84 Lowest= 33

PRECIPITATION STATISTICS (inches):
Total= 7.87 DFN= +2.56 Greatest Daily= 3.34 Rain Days= 9

SOIL TEMPERATURES (in degrees F):
Highest= 93 Lowest= 43 Average= 65

AVERAGE DAILY VALUES:
Pan Evaporation= .19 Hours of Wet Vegetation= 9.1
Solar Energy= 5405.9
Average daily potential evapotranspiration (PET)= .14

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	38	1953
23	78	52	65	92	1987	33	1980
24	78	53	66	92	1925	38	1959
25	78	53	66	88	1960	34	1916
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

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
5/ 1	80	64	72	4	12	22	.06	87	70	79	.14	14	4286	.13
5/ 2	69	53	61	-7	13	33	1.31	74	62	68	.22	11	2614	.07
5/ 3	72	49	61	-7	14	44	.00	76	58	67	.27	1	6648	.16
5/ 4	71	55	63	-5	17	57	Trace	78	59	69	.24	1	6494	.15
5/ 5	77	61	69	0	26	76	Trace	77	62	70	.19	4	4780	.13
5/ 6	79	54	67	-2	33	93	.00	75	62	69	.21	11	4220	.13
5/ 7	74	43	59	-10	33	102	.00	81	57	69	.32	2	7271	.19
5/ 8	69	42	56	-13	33	108	.00	82	58	70	.24	7	7509	.18
5/ 9	75	56	66	-3	39	124	.01	86	59	73	.21	2	7020	.17
5/10	74	60	67	-3	46	141	.72	81	66	74	.20	10	2117	.07
5/11	64	47	56	-14	46	147	.00	72	56	64	.17	1	4330	.09
5/12	69	45	57	-13	46	154	.00	78	56	67	.24	4	7281	.17
5/13	72	54	63	-7	49	167	.00	81	58	70	.24	0	7670	.18
5/14	73	53	63	-8	52	180	.00	77	62	70	.15	2	3909	.11
5/15	79	59	69	-2	61	199	.05	84	63	74	.11	16	4605	.14
5/16	80	58	69	-2	70	218	.00	83	64	74	.19	6	5759	.16
5/17	79	61	70	-1	80	238	.00	90	65	78	.28	0	6907	.18
5/18	84	67	76	5	96	264	.00	93	68	81	.29	0	8034	.21
5/19	79	65	72	0	108	286	Trace	84	70	77	.19	1	3819	.12
5/20	81	66	74	2	122	310	Trace	87	70	79	.19	1	4121	.13
5/21	82	62	72	0	134	332	Trace	87	71	79	.15	9	3978	.13
5/22	85	66	76	4	150	358	Trace	88	71	80	.16	13	4679	.15
5/23	87	66	77	4	167	385	.51	90	71	81	.25	17	4678	.16
5/24	77	65	71	-2	178	406	.25	80	69	75	.16	16	2763	.09
5/25	82	68	75	2	193	431	.00	87	70	79	.22	12	6450	.18
5/26	89	73	81	8	214	462	.00	90	73	82	.28	8	6091	.19
5/27	89	71	80	7	234	492	.00	94	75	85	.25	9	6391	.19
5/28	91	64	78	4	252	520	.03	95	71	83	.30	10	6014	.20
5/29	86	65	76	2	268	546	.00	98	72	85	.35	0	7692	.22
5/30	86	67	77	3	285	573	.00	97	74	86	.27	1	6731	.20
5/31	88	67	78	4	303	601	.00	99	76	88	.22	8	6202	.19

AIR TEMPERATURES (in degrees F):
Mean Maximum= 78.8 Mean Minimum= 59.5 Average= 69.2
DFN= -4.2 DFN= +1.2 DFN= -1.5
Highest= 91 Lowest= 42

PRECIPITATION STATISTICS (inches):
Total= 2.94 DFN= -1.29 Greatest Daily= 1.31 Rain Days= 8

SOIL TEMPERATURES (in degrees F):
Highest= 99 Lowest= 56 Average= 75

AVERAGE DAILY VALUES:
Pan Evaporation= .22 (in) Hours of Wet Vegetation= 6.4
Solar Energy= 5518.2 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .15 (in)

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	1954
23	85	60	73	97	1908	52	1931
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

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
6/ 1	91	71	81	6	21	31	.00	99	77	88	.23	5	6341	.20
6/ 2	92	68	80	5	41	61	.00	100	80	90	.26	3	7023	.22
6/ 3	89	70	80	5	61	91	.00	95	79	87	.30	7	4873	.17
6/ 4	89	68	79	4	80	120	.00	97	79	88	.26	4	5620	.18
6/ 5	89	70	80	4	100	150	.00	96	80	88	.26	5	5697	.18
6/ 6	84	64	74	-2	114	174	.68	91	73	82	NA	21	3551	.13
6/ 7	82	65	74	-2	128	198	.36	87	72	80	.17	18	4103	.13
6/ 8	86	66	76	0	144	224	Trace	88	72	80	.19	12	5530	.17
6/ 9	73	68	71	-5	155	245	.62	76	71	74	.09	19	1308	.04
6/10	81	64	73	-4	168	268	.00	81	69	75	.18	11	4114	.13
6/11	87	67	77	0	185	295	.00	86	71	79	.22	10	6301	.19
6/12	86	66	76	-1	201	321	1.20	87	71	79	.29	19	5234	.17
6/13	87	70	79	2	220	350	.30	86	72	79	.29	15	5267	.17
6/14	88	71	80	3	240	380	.07	86	73	80	.23	6	6366	.19
6/15	89	69	79	2	259	409	.52	87	74	81	.26	13	5462	.18
6/16	73	67	70	-7	269	429	2.70	74	69	72	NA	24	1045	.04
6/17	75	66	71	-7	280	450	.41	75	69	72	.08	20	1755	.06
6/18	84	64	74	-4	294	474	.00	86	70	78	.26	9	6922	.20
6/19	88	68	78	0	312	502	.12	88	72	80	.18	21	5772	.18
6/20	72	69	71	-7	323	523	2.64	82	70	76	NA	24	1223	.04
6/21	78	70	74	-4	337	547	.30	81	70	76	.10	18	2684	.09
6/22	83	69	76	-2	353	573	.07	84	74	79	.13	12	3621	.12
6/23	90	65	78	-1	371	601	1.24	91	73	82	NA	19	4779	.17
6/24	86	70	78	-1	389	629	.00	90	74	82	.22	9	6167	.18
6/25	88	70	79	0	408	658	.00	91	77	84	.23	10	5906	.18
6/26	91	72	82	3	430	690	.00	94	77	86	.29	0	6337	.20
6/27	89	68	79	0	449	719	.00	97	78	88	.27	9	7095	.21
6/28	90	71	81	2	470	750	.00	99	79	89	.2[illegible]	[illegible]	6441	.20
6/29	90	69	80	1	490	780	.31	100	78	89	.31	14	5798	.19
6/30	88	71	80	1	510	810	.00	[illegible]	79	87	.26	0	5965	.18

AIR TEMPERATURES (in degrees F):
Mean Maximum= 85.3 Mean Minimum= 68.2 Average= 76.7
DFN= -3.7 DFN= +3.0 DFN= -.4
Highest= 92 Lowest= 64

PRECIPITATION STATISTICS (inches):
Total= 11.54 DFN= +7.69 Greatest Daily= 2.70 Rain Days= 15

SOIL TEMPERATURES (in degrees F):
Highest= 100 Lowest= 69 Average= 82

AVERAGE DAILY VALUES:
Pan Evaporation= .22 (in) Hours of Wet Vegetation= 12.1
Solar Energy= 4943.3 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .16 (in)

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	1933	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

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
7/ 1	85	71	78	-1	18	28	.19	92	78	85	.15	2	3619	.13
7/ 2	82	68	75	-4	33	53	1.07	89	75	82	.28	12	4502	.14
7/ 3	81	71	76	-3	49	79	.23	85	76	81	.13	18	3348	.11
7/ 4	83	70	77	-2	66	106	1.11	87	76	82	.20	19	3149	.11
7/ 5	84	70	77	-2	83	133	.60	89	76	83	.15	16	4103	.13
7/ 6	85	71	78	-1	101	161	.09	90	76	83	.18	12	4740	.15
7/ 7	88	74	81	2	122	192	.13	91	79	85	.15	13	4274	.15
7/ 8	89	72	81	2	143	223	.00	92	78	85	.23	11	5851	.18
7/ 9	88	71	80	1	163	253	.00	94	78	86	.20	9	5623	.18
7/10	88	71	80	1	183	283	.00	95	79	87	.21	9	5556	.17
7/11	90	71	81	2	204	314	.00	99	80	90	.26	10	6833	.21
7/12	90	70	80	1	224	344	.00	100	79	90	.24	10	5758	.19
7/13	91	68	80	0	244	374	.17	102	79	91	.30	11	6887	.21
7/14	86	69	78	-2	262	402	.09	95	77	86	.20	16	5295	.16
7/15	83	71	77	-3	279	429	.96	92	78	85	.21	18	4219	.13
7/16	85	70	78	-2	297	457	.22	88	77	83	.15	15	3636	.13
7/17	82	67	75	-5	312	482	.92	87	75	81	.30	8	4000	.13
7/18	84	65	75	-5	327	507	.00	90	75	83	.17	10	6110	.18
7/19	85	68	77	-3	344	534	.00	91	76	84	.29	9	5790	.17
7/20	87	70	79	-1	363	563	.73	90	77	84	.20	13	4840	.16
7/21	80	68	74	-6	377	587	.47	85	75	80	.27	19	2440	.09
7/22	80	70	75	-5	392	612	.03	85	76	81	.14	12	3624	.11
7/23	84	68	76	-4	408	638	.57	89	74	82	.18	17	3779	.13
7/24	85	70	78	-2	426	666	.00	91	74	83	.21	8	5674	.17
7/25	86	70	78	-2	444	694	.00	90	76	83	.19	2	4483	.15
7/26	92	74	83	3	467	727	.00	97	77	87	.29	0	7380	.22
7/27	89	71	80	0	487	757	.00	96	79	88	.19	6	5077	.17
7/28	91	70	81	1	508	788	.00	98	79	89	.21	9	5449	.18
7/29	92	71	82	2	530	820	.00	100	80	90	.24	10	6483	.21
7/30	92	72	82	2	552	852	.00	103	81	92	.24	10	6167	.20
7/31	92	71	82	2	574	884	.00	105	84	95	.2[illegible]	7	6358	.20

AIR TEMPERATURES (in degrees F):
Mean Maximum= 86.4 Mean Minimum= 70.1 Average= 78.3
DFN= -4.2 DFN= +1.6 DFN= -1.3
Highest= 92 Lowest= 65

PRECIPITATION STATISTICS (inches):
Total= 7.58 DFN= +1.84 Greatest Daily= 1.11 Rain Days= 16

SOIL TEMPERATURES (in degrees F):
Highest= 105 Lowest= 74 Average= 85

AVERAGE DAILY VALUES:
Pan Evaporation= .21 (in) Hours of Wet Vegetation= 11.0
Solar Energy= 5008.0 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .16 (in)

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

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
8/ 1	91	69	80	0	20	30	.00	105	84	95	.26	9	6114	.20
8/ 2	89	74	82	2	42	62	.00	102	84	93	.18	9	4637	.16
8/ 3	90	70	80	0	62	92	.00	101	83	92	.20	6	4484	.16
8/ 4	91	72	82	2	84	124	.57	104	82	93	.24	16	5567	.18
8/ 5	92	72	82	2	106	156	.00	97	80	89	.24	10	5912	.19
8/ 6	93	73	83	3	129	189	.00	101	81	91	.27	8	6310	.20
8/ 7	93	70	82	2	151	221	.00	104	83	94	.32	0	6319	.21
8/ 8	87	63	75	-5	166	246	Trace	102	81	92	.32	1	5793	.18
8/ 9	79	61	70	-10	176	266	.00	99	78	89	NA	9	5134	.14
8/10	82	64	73	-7	189	289	.00	97	78	88	.23	8	5717	.16
8/11	81	65	73	-7	202	312	.00	95	78	87	.17	1	4503	.13
8/12	84	63	74	-6	216	336	.00	99	79	89	.22	7	5599	.17
8/13	86	65	76	-4	232	362	.00	99	80	90	.25	8	5503	.17
8/14	84	70	77	-3	249	389	Trace	98	81	90	.19	1	5036	.15
8/15	87	70	79	-1	268	418	.20	100	79	90	.21	16	4781	.15
8/16	84	68	76	-4	284	444	.04	93	78	86	.13	13	4230	.14
8/17	87	70	79	-1	303	473	.33	93	77	85	.16	17	3488	.13
8/18	88	68	78	-2	321	501	.00	93	77	85	.22	8	5578	.18
8/19	87	70	79	0	340	530	.00	95	77	86	.18	10	5076	.16
8/20	89	70	80	1	360	560	.00	97	78	88	.21	6	4890	.16
8/21	91	72	82	3	382	592	Trace	100	80	90	.25	4	5453	.18
8/22	89	73	81	2	403	623	.08	93	81	87	.13	8	4227	.15
8/23	93	74	84	5	427	657	.00	103	81	92	.23	3	5567	.19
8/24	94	73	84	5	451	691	.00	104	85	95	.25	4	5684	.19
8/25	94	73	84	5	475	725	.00	105	87	96	.26	0	6012	.20
8/26	96	73	85	6	500	760	.00	105	87	96	.28	0	6044	.21
8/27	93	[illegible]	[illegible]	3	522	792	.13	100	80	90	.17	10	3470	.15
8/28	92	73	83	4	545	825	.00	101	80	91	.22	7	5629	.18
8/29	90	73	82	3	567	857	.00	100	84	92	.21	6	4270	.15
8/30	92	72	82	4	589	889	.00	100	84	92	.18	8	4177	.16
8/31	90	74	82	4	611	921	.36	97	81	89	.21	11	3236	.13

AIR TEMPERATURES (in degrees F):
Mean Maximum= 89.0 Mean Minimum= 69.9 Average= 79.4
DFN= -1.5 DFN= +2.0 DFN= +.2
Highest= 96 Lowest= 61

PRECIPITATION STATISTICS (inches):
Total= 1.71 DFN= -1.88 Greatest Daily= .57 Rain Days= 7

SOIL TEMPERATURES (in degrees F):
Highest= 105 Lowest= 77 Average= 90

AVERAGE DAILY VALUES:
Pan Evaporation= .22 (in) Hours of Wet Vegetation= 7.2
Solar Energy= 5111.0 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .17

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	1951	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

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
9/ 1	90	73	82	4	22	32	.76	94	80	87	.21	21	3577	.14
9/ 2	86	73	80	2	42	62	.23	90	79	85	.14	19	2942	.11
9/ 3	90	70	80	2	62	92	.00	94	77	86	.24	10	5381	.17
9/ 4	89	73	81	3	83	123	.00	91	77	84	.24	0	7106	.20
9/ 5	84	66	75	-3	98	148	.00	89	74	82	.25	0	4581	.14
9/ 6	80	69	75	-2	113	173	.00	87	74	81	.15	10	3787	.11
9/ 7	82	71	77	0	130	200	.00	87	77	82	.11	3	2653	.09
9/ 8	86	71	79	2	149	229	.00	92	78	85	.14	6	3584	.12
9/ 9	87	69	78	1	167	257	.00	93	78	86	.14	7	3771	.13
9/10	89	68	79	2	186	286	.00	97	78	88	.19	2	4820	.16
9/11	92	72	82	6	208	318	.00	100	80	90	.24	0	5224	.18
9/12	88	74	81	5	229	349	Trace	95	83	89	.15	0	3085	.12
9/13	91	71	81	5	250	380	1.05	100	79	90	.25	13	4415	.16
9/14	88	69	79	3	269	409	.00	91	77	84	.17	5	4128	.14
9/15	86	71	79	3	288	438	.00	90	77	84	.16	1	4100	.13
9/16	87	66	77	2	305	465	1.20	90	76	83	NA	17	3521	.13
9/17	82	61	72	-3	317	487	.00	87	71	79	.13	6	5442	.16
9/18	83	61	72	-3	329	509	.00	87	69	78	.26	2	5937	.17
9/19	82	61	72	-2	341	531	.00	84	69	77	.25	0	5384	.15
9/20	79	63	71	-3	352	552	.00	84	69	77	.21	0	5415	.14
9/21	81	64	73	-1	365	575	.00	86	71	79	.19	6	4890	.14
9/22	76	68	72	-2	377	597	1.07	78	73	76	.17	24	1515	.05
9/23	82	60	71	-2	388	618	.80	82	71	77	.12	12	3148	.11
9/24	78	51	65	-8	393	633	Trace	83	64	74	.21	0	4476	.13
9/25	62	54	58	-15	393	641	.39	69	62	66	.13	18	2034	.03
9/26	58	54	56	-16	393	647	2.01	64	62	63	NA	24	833	.02
9/27	71	58	65	-7	398	662	.00	72	58	65	.06	24	2173	.06
9/28	74	57	66	-6	404	678	.01	73	64	69	.15	24	2453	.07
9/29	64	57	61	-10	405	689	.05	66	64	65	.04	24	870	.01
9/30	74	64	69	-2	414	708	.13	73	65	69	.12	24	1581	.05

AIR TEMPERATURES (in degrees F):
Mean Maximum= 81.4 Mean Minimum= 65.3 Average= 73.3
DFN= -4.7 DFN= +1.6 DFN= -1.6
Highest= 92 Lowest= 51

PRECIPITATION STATISTICS (inches):
Total= 7.70 DFN= +3.38 Greatest Daily= 2.01 Rain Days= 11

SOIL TEMPERATURES (in degrees F):
Highest= 100 Lowest= 58 Average= 79

AVERAGE DAILY VALUES:
Pan Evaporation= .17 (in) Hours of Wet Vegetation= 10.1
Solar Energy= 3760.9 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .12 (in)

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
[illegible]	84	62	73	[illegible]	1940	45	1983
24	84	61	73	98	1921	46	1982
[illegible]	84	61	73	97	1979	46	1928
26	83	60	72	96	1923	49	1940
27	83	60	72	9[illegible]	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

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	76	70	73	3	13	23	2.47	75	70	73	.19	24	781	.03
10/ 2	82	61	72	3	25	45	.17	81	68	75	.10	12	2855	.10
10/ 3	80	64	72	3	37	67	.00	80	68	74	.01	11	3364	.10
10/ 4	85	58	72	3	49	89	.00	84	66	75	.24	3	5040	.16
10/ 5	81	56	69	1	58	108	.00	81	64	73	.28	0	5179	.15
10/ 6	81	59	70	2	68	128	.00	82	64	73	.13	13	4294	.13
10/ 7	85	62	74	6	82	152	.00	84	68	76	.21	12	5033	.15
10/ 8	84	55	70	3	92	172	.06	83	66	75	.16	4	3597	.13
10/ 9	73	47	60	-7	92	182	.00	80	60	70	.25	0	5127	.13
10/10	67	46	57	-10	92	189	.00	78	59	69	.19	0	4815	.11
10/11	74	50	62	-4	94	201	.00	81	59	70	.13	10	4771	.12
10/12	79	57	68	2	102	219	.00	84	63	74	.15	12	4888	.14
10/13	79	59	69	4	111	238	.00	84	65	75	.10	NA	4028	.12
10/14	76	62	69	4	120	257	.08	79	68	74	.09	NA	2405	.07
10/15	73	62	68	3	128	275	.00	77	68	73	.09	NA	2141	.06
10/16	81	66	74	10	142	299	.00	84	68	76	.10	NA	3343	.10
10/17	84	68	76	12	158	325	.19	87	72	80	.14	3	3651	.12
10/18	75	66	71	8	169	346	.98	78	71	75	.10	4	1024	.04
10/19	69	42	56	-7	169	352	.01	73	58	66	.02	11	943	.04
10/20	43	31	37	-26	169	352	.00	58	47	53	.02	8	770	.00
10/21	50	29	40	-22	169	352	.00	61	47	54	.11	10	4714	.06
10/22	63	36	50	-12	169	352	.00	65	47	56	.18	0	4778	.10
10/23	73	50	62	0	171	364	.00	71	52	62	.13	10	4320	.11
10/24	75	46	61	0	172	375	.00	73	55	64	.17	0	4085	.11
10/25	73	47	60	-1	172	385	.00	72	55	64	.18	0	4001	.11
10/26	74	47	61	0	173	396	.00	72	55	64	.18	0	4465	.12
10/27	75	50	63	3	176	409	.00	73	55	64	.20	0	4435	.12
10/28	74	53	64	4	180	423	.00	74	55	65	.17	0	4534	.11
10/29	78	49	64	4	184	437	.00	76	57	67	.20	0	4279	.13
10/30	76	55	66	7	190	453	.00	76	57	67	.19	0	5288	.13
10/31	78	58	68	9	198	471	.00	79	61	70	.10	9	3735	.11

AIR TEMPERATURES (in degrees F):
Mean Maximum= 74.7 Mean Minimum= 53.6 Average= 64.1
DFN= -1.9 DFN= +2.1 DFN= +.1
Highest= 85 Lowest= 29

PRECIPITATION STATISTICS (inches):
Total= 3.96 DFN= +1.13 Greatest Daily= 2.47 Rain Days= 7

SOIL TEMPERATURES (in degrees F):
Highest= 87 Lowest= 47 Average= 69

AVERAGE DAILY VALUES:
Pan Evaporation= .15 (in) Hours of Wet Vegetation= 5.8
Solar Energy= 3764.0 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .10 (in)

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	1990
21	75	49	62	89	1941	29	1990
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

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	76	48	62	3	2	12	Trace	78	59	69	.14	11	2965	.09
11/ 2	68	48	58	0	2	20	.01	74	59	67	.09	4	3288	.07
11/ 3	61	41	51	-7	2	21	.15	66	52	59	.02	17	960	.01
11/ 4	62	39	51	-7	2	22	.00	69	50	60	.12	0	4108	.08
11/ 5	66	41	54	-4	2	26	.00	70	50	60	.12	0	4065	.09
11/ 6	73	50	62	5	4	38	.00	73	53	63	.14	1	3785	.10
11/ 7	69	58	64	7	8	52	.08	67	61	64	.04	17	977	.02
11/ 8	74	61	68	11	16	70	.25	71	63	67	.04	24	1295	.04
11/ 9	65	53	59	3	16	79	1.52	65	61	63	.04	22	257	.04
11/10	66	41	54	-2	16	83	.00	70	53	62	.14	12	4048	.09
11/11	71	45	58	2	16	91	.00	68	53	61	.14	20	3769	.09
11/12	76	47	62	6	18	103	.00	70	54	62	.14	14	3863	.11
11/13	78	48	63	8	21	116	.00	72	55	64	.13	16	3771	.11
11/14	78	52	65	10	26	131	.00	72	56	64	.18	2	3723	.11
11/15	74	61	68	13	34	149	.02	70	62	66	.08	10	1792	.05
11/16	77	40	59	5	34	158	.53	72	55	64	.19	4	1635	.08
11/17	50	27	39	-15	34	158	.00	62	43	53	NA	0	3609	.04
11/18	46	28	37	-17	34	158	.00	57	43	50	.16	0	3423	.02
11/19	58	39	49	-4	34	158	.00	61	48	55	.14	0	3409	.05
11/20	63	41	52	-1	34	160	.00	62	49	56	.05	3	2420	.04
11/21	69	44	57	4	34	167	.00	64	49	57	.14	10	3590	.08
11/22	72	48	60	8	34	177	.00	67	52	60	.18	3	3433	.09
11/23	62	39	51	-1	34	178	.69	59	52	56	.09	19	612	.01
11/24	48	30	39	-13	34	178	.00	59	41	50	NA	0	3602	.03
11/25	54	32	43	-9	34	178	.00	57	41	49	.17	0	3569	.04
11/26	59	43	51	0	34	179	.00	55	46	51	.04	7	1210	.00
11/27	69	54	62	11	36	191	.00	65	55	60	.03	16	1952	.04
11/28	75	55	65	14	41	206	Trace	68	56	62	.12	11	2687	.07
11/29	72	36	54	4	41	210	.18	69	50	60	.05	4	1002	.05
11/30	52	28	40	-10	41	210	.00	59	42	51	NA	0	3337	.04

AIR TEMPERATURES (in degrees F):
Mean Maximum= 66.1 Mean Minimum= 43.9 Average= 55.0
DFN= -.4 DFN= +2.1 DFN= +.9
Highest= 78 Lowest= 27

PRECIPITATION STATISTICS (inches):
Total= 3.43 DFN= +.01 Greatest Daily= 1.52 Rain Days= 9

SOIL TEMPERATURES (in degrees F):
Highest= 78 Lowest= 41 Average= 59

AVERAGE DAILY VALUES:
Pan Evaporation= .11 (in) Hours of Wet Vegetation= 8.2
Solar Energy= 2738.5 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .06 (in)

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	31	1930
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	79	1908	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 MAX	MIN	AVG	DFN	GDD B60	B50	PRECIP	4 INCH SOIL MAX	MIN	MEAN	EVAP	VEG WET	SOLAR ENERGY	PET
12/ 1	56	29	43	-7	0	0	.00	57	42	50	NA	0	3452	.05
12/ 2	59	39	49	-1	0	0	.00	57	47	52	.10	0	2552	.03
12/ 3	56	33	45	-5	0	0	.00	55	42	49	.09	0	1664	.01
12/ 4	43	21	32	-17	0	0	.00	52	38	45	NA	0	3524	.02
12/ 5	47	21	34	-15	0	0	.00	51	38	45	NA	0	3437	.03
12/ 6	62	29	46	-3	0	0	.00	55	39	47	.14	8	3241	.07
12/ 7	67	41	54	5	0	4	.78	58	45	52	.08	18	1936	.05
12/ 8	61	53	57	8	0	11	2.16	60	56	58	NA	24	630	.00
12/ 9	54	35	45	-4	0	11	.37	57	48	53	NA	24	445	.01
12/10	41	34	38	-10	0	11	.00	50	45	48	.02	24	973	.00
12/11	48	32	40	-8	0	11	.00	55	44	50	.05	18	2350	.00
12/12	64	40	52	4	0	13	.02	56	45	51	.04	10	1466	.03
12/13	57	26	42	-6	0	13	1.03	55	42	49	NA	8	435	.06
12/14	42	24	33	-15	0	13	.00	51	38	45	NA	8	3429	.01
12/15	51	25	38	-9	0	13	.08	52	38	45	NA	5	3338	.04
12/16	56	16	36	-11	0	13	.09	51	38	45	NA	10	1667	.03
12/17	35	16	26	-21	0	13	.00	45	37	41	NA	0	3298	.00
12/18	37	23	30	-17	0	13	.48	41	37	39	NA	18	1412	.00
12/19	34	32	33	-14	0	13	.85	42	40	41	NA	24	557	.00
12/20	38	31	35	-11	0	13	.08	43	40	42	NA	16	619	.00
12/21	50	31	41	-5	0	13	.00	51	40	46	NA	12	2836	.02
12/22	38	12	25	-21	0	13	.00	46	36	41	NA	0	1178	.00
12/23	23	8	16	-30	0	13	.00	36	35	36	NA	0	2431	.00
12/24	21	3	12	-34	0	13	.00	35	32	34	NA	0	2864	.00
12/25	31	3	17	-29	0	13	.00	33	32	33	NA	0	3526	.00
12/26	32	24	28	-17	0	13	.00	34	33	34	NA	0	1458	.00
12/27	50	24	37	-8	0	13	.00	37	33	35	NA	8	3240	.03
12/28	65	30	48	3	0	13	.00	48	35	42	NA	1	3263	.08
12/29	63	30	47	2	0	13	.03	53	37	45	NA	3	3297	.07
12/30	60	42	51	6	0	14	.01	53	43	48	.07	7	1609	.01
12/31	70	51	61	16	1	25	1.27	59	50	55	NA	12	2379	.05

AIR TEMPERATURES (in degrees F):
Mean Maximum= 48.7 Mean Minimum= 27.7 Average= 38.2
DFN= -9.6 DFN= -8.0 DFN= -8.8
Highest= 70 Lowest= 3

PRECIPITATION STATISTICS (inches):
Total= 7.25 DFN= +1.77 Greatest Daily= 2.16 Rain Days= 13

SOIL TEMPERATURES (in degrees F):
Highest= 60 Lowest= 32 Average= 45

AVERAGE DAILY VALUES:
Pan Evaporation= .07 (in) Hours of Wet Vegetation= 8.3
Solar Energy= 2209.9 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .02 (in)

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	1990
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	1990
23	57	35	46	75	1922	8	1990
24	57	35	46	77	1964	3	1990
25	57	35	46	75	1926	3	1990
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 NO OF DEGREE DAYS	MEAN NUMBER OF DAYS			RAINFALL					
	NORMALS			EXTREMES					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	0 OR BELOW	TOTAL	TOTAL	YEAR	TOTAL	YEAR	MAX	YEAR
JAN	55.5	33.7	44.6	82	1975	0	1963	641	0	11	0	5.14	12.09	1936	.49	1927	5.23	1912
FEB	59.1	35.3	47.2	82	1962	8	1958	505	0	8	0	5.34	17.61	1961	1.50	1943	7.83	1961
MAR	66.4	42.3	54.4	89	1923	12	1980	344	0	4	0	6.85	17.47	1929	.30	1918	5.06	1944
APR	75.8	50.4	63.1	94	1942	27	1940	118	0	0	0	5.31	18.07	1964	.50	1915	5.60	1981
MAY	83.0	58.4	70.7	98	1962	35	1960	15	5	0	0	4.23	10.33	1915	.36	1914	4.53	1915
JUN	89.0	65.2	77.1	107	1933	39	1956	0	15	0	0	3.85	8.64	1909	.57	1931	3.64	1928
JUL	90.6	68.5	79.6	108	1930	54	1967	0	18	0	0	5.74	15.73	1916	1.39	1914	7.00	1948
AUG	90.5	67.9	79.2	106	1925	56	1952	0	18	0	0	3.59	11.03	1944	.01	1925	3.73	1939
SEP	86.1	63.7	74.9	108	1925	38	1967	0	11	0	0	4.32	13.13	1965	.36	1919	7.27	1965
OCT	76.6	51.5	64.1	98	1954	25	1952	102	1	0	0	2.83	8.41	1970	.00	1963	3.55	1906
NOV	66.5	41.8	54.2	90	1935	9	1950	331	0	4	0	3.42	17.77	1948	.23	1924	7.05	1948
DEC	58.4	35.7	47.1	84	1924	-1	1962	555	0	10	0	5.48	14.27	1953	.82	1955	6.22	1953
YEAR	74.8	51.2	63.0	108	1930	-7	1985	2611	68	37	0	56.10	82.95	1975	28.44	1954	7.83	1961

MONTHLY AND ANNUAL SUMMARY

MONTH	5 FOOT SHELTER TEMPERATURES (DEG F)				MAXIMUM AND MINIMUM TEMPERATURES				DEGREE DAYS BELOW 65		PRECIPITATION TOTAL		OPEN PAN EVAPORATION	SUNSHINE AND RADIATION	
					90 OR ABOVE		32 OR BELOW				WATER EQUIVALENT			MINS. OF	LANGLEYS**
	MAX	MIN	MEAN	DFN*	DAYS	DFN*	DAYS	DFN*	DAYS	DFN*	(IN.)	DFN*	TOTAL (IN.)	SUNSHINE	SOLAR RAD.
JAN	60.2	39.2	49.7	5.1	0	0	12	1	468	-173	2.84	-2.30	2.21	8980	6684
FEB	56.8	37.3	47.0	-.2	0	0	9	1	502	-3	2.62	-2.72	1.84	7237	6452
MAR	66.2	46.0	56.1	1.7	0	0	1	-3	288	-56	6.19	-.66	4.45	12388	10154
APR	70.8	49.1	60.0	-3.2	0	0	0	0	193	75	7.87	2.56	5.52	10947	14040
MAY	78.8	59.5	69.2	-1.5	1	-4	0	0	46	31	2.94	-1.29	6.89	10657	14886
JUN	85.3	68.2	76.7	-.4	6	-9	0	0	0	0	11.54	7.69	5.80	11655	12518
JUL	86.4	70.1	78.3	-1.3	8	-10	0	0	0	0	7.58	1.84	6.63	13723	13567
AUG	89.0	69.9	79.4	.2	16	-2	0	0	0	0	1.71	-1.88	6.57	14019	13405
SEP	81.4	65.3	73.3	-1.6	4	-7	0	0	20	20	7.70	3.38	4.83	8931	9463
OCT	74.7	53.6	64.1	.0	0	-1	2	2	113	11	3.96	1.13	4.51	13119	10217
NOV	66.1	43.9	55.0	.8	0	0	5	1	299	-32	3.43	.01	2.90	9257	7106
DEC	48.7	27.7	38.2	-8.9	0	0	22	12	824	269	7.25	1.77	.58	4780	5885
YEAR	72.0	52.5	62.3	-.7	35	-33	51	14	2753	142	65.63	9.53	52.73	125693	124377

* 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 annual values:
74.8 51.2 63.0 56.10

Normal Monthly Values:
66.4 42.3 54.3 6.85

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

Normal Monthly Values:
75.8 50.4 63.1 5.31

Normal Monthly Values:
83.0 58.4 70.7 4.23

Normal annual values:
74.8 51.2 63.0 56.10

Normal Monthly Values:
89.0 65.2 77.1 3.85

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

Normal Monthly Values:
90.6 68.5 79.6 5.74

Normal Monthly Values:
90.5 67.9 79.2 3.59

Normal annual values:
74.8 51.2 63.0 56.10

Normal Monthly Values:
86.1 63.7 74.9 4.32

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 Latitude 32 35 N., Longitude 85 29 W.
All sunrise and sunset calculations are for Central Standard Time.

JANUARY

DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET 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 LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET 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 LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET 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 LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET 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

DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET 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	5	13:38	4:49	6:28
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	10	13:46	4:46	6:31
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	15	13:52	4:42	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	20	13:58	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	25	14:03	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	30	14:07	4:36	6:43
31	14:08	4:36	6:43																

JUNE

DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET 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	5	14:11	4:35	6:46
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	10	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	15	14:14	4:35	6:50
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	20	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	25	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

DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET 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	5	14:11	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	10	14:08	4:43	6:51
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	15	14:04	4:46	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	20	14:00	4:48	6:48
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	25	13:54	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	30	13:48	4:54	6:42
31	13:47	4:55	6:42																

AUGUST

DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET 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	5	13:40	4:58	6:38
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	10	13:32	5:01	6:33
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	15	13:24	5:05	6:28
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	20	13:15	5:08	6:23
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	25	13:06	5:11	6:17
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	30	12:56	5:14	6:10
31	12:54	5:15	6:09																

SEPTEMBER

DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET 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

DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET 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

DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.
1	10:47	6:02	4:49	2	10:46	6:03	4:48	3	10:44	6:04	4:48	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

DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET P.M.	DATE	DAY LENGTH	RISE A.M.	SET 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 Southeasern 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.

1989

PRECIPITATION SUMMARY FOR AAES SUBSTATIONS

FOR THE PERIOD: THURSDAY, JANUARY 1, 1989, THROUGH THURSDAY, DECEMBER 31, 1989

STATION	ACTUAL TOTAL	NORMAL	DIFF	% OF NORMAL
AUBURN	65.63	56.10	+9.53	117
BELLE MINA	66.46	53.09	+13.37	125
BREWTON	69.85	62.37	+7.48	112
CLANTON	57.70	57.39	+.31	101
CAMDEN	55.62	57.73	-2.11	96
CROSSVILLE	66.72	54.65	+12.07	122
FAIRHOPE	66.31	64.11	+2.20	103
HEADLAND	66.92	54.65	+12.27	122
MARION JUNCTION	55.45	53.10	+2.35	104
WINFIELD	68.04	56.51	+11.53	120

1989 DAILY WEATHER FOR AAES SUBSTATIONS, WITH MONTHLY SUMMARIES

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
1/ 1	59	42	51	10	0	1	.49	51	46	49	NA	NA	NA	.01
1/ 2	43	38	41	0	0	1	.00	50	46	48	NA	NA	NA	.00
1/ 3	50	38	44	3	0	1	.61	49	45	47	NA	NA	NA	.00
1/ 4	55	31	43	2	0	1	.03	52	43	48	NA	NA	NA	.02
1/ 5	49	29	39	-2	0	1	.00	48	40	44	NA	NA	NA	.00
1/ 6	58	30	44	3	0	1	.17	48	40	44	NA	NA	NA	.05
1/ 7	70	48	59	19	0	10	.00	56	47	52	NA	NA	NA	.06
1/ 8	70	44	57	17	0	17	1.09	68	50	59	NA	NA	NA	.08
1/ 9	59	32	46	6	0	17	.16	55	44	50	NA	NA	NA	.05
1/10	40	33	37	-3	0	17	.05	44	43	44	NA	NA	NA	.00
1/11	52	40	46	6	0	17	.96	49	43	46	NA	NA	NA	.00
1/12	53	45	49	9	0	17	1.51	52	47	50	NA	NA	NA	.00
1/13	60	35	48	8	0	17	1.40	54	46	50	NA	NA	NA	.04
1/14	45	25	35	-5	0	17	.27	49	45	47	NA	NA	NA	.00
1/15	48	40	44	4	0	17	.54	47	44	46	NA	NA	NA	.00
1/16	42	35	39	-1	0	17	.00	47	44	46	NA	NA	NA	.00
1/17	50	27	39	-1	0	17	.00	50	39	45	NA	NA	NA	.01
1/18	54	27	41	1	0	17	.00	50	39	45	NA	NA	NA	.03
1/19	61	32	47	7	0	17	.00	51	38	45	NA	NA	NA	.06
1/20	63	33	48	8	0	17	.00	52	41	47	NA	NA	NA	.07
1/21	51	27	39	-1	0	17	.00	49	38	44	NA	NA	NA	.02
1/22	49	27	38	-2	0	17	.00	47	37	42	NA	NA	NA	.00
1/23	55	27	41	1	0	17	.00	48	37	43	NA	NA	NA	.04
1/24	62	27	45	4	0	17	.00	50	38	44	NA	NA	NA	.09
1/25	68	38	53	12	0	20	.00	53	43	48	NA	NA	NA	.09
1/26	71	46	59	18	0	29	.00	55	45	50	NA	NA	NA	.09
1/27	61	35	48	7	0	29	.38	53	47	50	NA	NA	NA	.06
1/28	52	30	41	0	0	29	.00	56	42	49	NA	NA	NA	.02
1/29	61	31	46	5	0	29	.00	54	42	48	NA	NA	NA	.07
1/30	55	45	50	8	0	29	.81	51	46	49	NA	NA	NA	.00
1/31	56	36	46	4	0	29	.00	56	45	51	NA	NA	NA	.03

AIR TEMPERATURES (in degrees F):
Mean Maximum= 55.5 Mean Minimum= 34.6 Average= 45.1
DFN= +5.2 DFN= +4.3 DFN= +4.7
Highest= 71 Lowest= 25

PRECIPITATION STATISTICS (inches):
Total= 8.47 DFN= +3.26 Greatest Daily= 1.51 Rain Days= 14

SOIL TEMPERATURES (in degrees F):
Highest= 68 Lowest= 37 Average= 47

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .03 (in)

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
2/ 1	68	37	53	11	0	3	.00	57	45	51	NA	NA	NA	.10
2/ 2	74	55	65	23	5	18	Trace	58	48	53	NA	NA	NA	.08
2/ 3	73	60	67	25	12	35	Trace	63	58	61	NA	NA	NA	.06
2/ 4	67	33	50	8	12	35	.08	60	45	53	NA	NA	NA	.11
2/ 5	37	32	35	-7	12	35	.25	45	43	44	NA	NA	NA	.00
2/ 6	39	28	34	-8	12	35	.57	44	40	42	NA	NA	NA	.00
2/ 7	33	22	28	-14	12	35	.35	41	36	39	NA	NA	NA	.00
2/ 8	39	22	31	-11	12	35	.00	42	35	39	NA	NA	NA	.00
2/ 9	42	16	29	-14	12	35	.00	43	35	39	NA	NA	NA	.01
2/10	32	16	24	-19	12	35	.00	36	35	36	NA	NA	NA	.00
2/11	43	18	31	-12	12	35	.00	43	34	39	NA	NA	NA	.01
2/12	56	24	40	-3	12	35	.00	48	35	42	NA	NA	NA	.07
2/13	57	32	45	1	12	35	.09	51	39	45	NA	NA	NA	.06
2/14	68	52	60	16	12	45	Trace	55	46	51	NA	NA	NA	.06
2/15	67	58	63	19	15	58	1.09	58	55	57	NA	NA	NA	.04
2/16	78	50	64	20	19	72	.10	65	55	60	NA	NA	NA	.13
2/17	50	40	45	0	19	72	.43	55	47	51	NA	NA	NA	.00
2/18	42	36	39	-6	19	72	.46	47	45	46	NA	NA	NA	.00
2/19	40	37	39	-6	19	72	.38	45	43	44	NA	NA	NA	.00
2/20	50	37	44	-1	19	72	.03	52	42	47	NA	NA	NA	.00
2/21	60	45	53	8	19	75	1.30	53	47	50	NA	NA	NA	.04
2/22	58	35	47	1	19	75	Trace	55	46	51	NA	NA	NA	.06
2/23	39	18	29	-17	19	75	.03	46	38	42	NA	NA	NA	.00
2/24	33	17	25	-21	19	75	.00	41	35	38	NA	NA	NA	.00
2/25	38	17	28	-18	19	75	.00	40	33	37	NA	NA	NA	.00
2/26	53	22	38	-9	19	75	.00	48	35	42	NA	NA	NA	.07
2/27	63	38	51	4	19	76	.45	54	43	49	NA	NA	NA	.09
2/28	42	34	38	-9	19	76	1.77	45	41	43	NA	NA	NA	.00

AIR TEMPERATURES (in degrees F):
Mean Maximum= 51.5 Mean Minimum= 33.3 Average= 42.4
DFN= -3.5 DFN= +.8 DFN= -1.4
Highest= 78 Lowest= 16

PRECIPITATION STATISTICS (inches):
Total= 7.38 DFN= +2.74 Greatest Daily= 1.77 Rain Days= 15

SOIL TEMPERATURES (in degrees F):
Highest= 65 Lowest= 33 Average= 46

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .04 (in)

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
3/ 1	53	34	44	-3	0	0	.00	54	40	47	NA	NA	NA	.04
3/ 2	55	36	46	-2	0	0	.00	53	41	47	NA	NA	NA	.04
3/ 3	58	42	50	2	0	0	.00	52	44	48	NA	NA	NA	.05
3/ 4	58	45	52	4	0	2	.00	53	45	49	NA	NA	NA	.04
3/ 5	67	50	59	10	0	11	.97	52	49	51	NA	NA	NA	.08
3/ 6	67	35	51	2	0	12	1.79	59	48	54	NA	NA	NA	.13
3/ 7	36	32	34	-15	0	12	.00	48	41	45	NA	NA	NA	.00
3/ 8	35	30	33	-16	0	12	.00	41	38	40	NA	NA	NA	.00
3/ 9	53	31	42	-8	0	12	.00	52	38	45	NA	NA	NA	.05
3/10	60	32	46	-4	0	12	.00	55	38	47	NA	NA	NA	.10
3/11	69	35	52	2	0	14	.00	63	41	52	NA	NA	NA	.14
3/12	78	40	59	9	0	23	.00	64	45	55	NA	NA	NA	.19
3/13	78	45	62	11	2	35	.00	67	48	58	NA	NA	NA	.17
3/14	74	51	63	12	5	48	.00	64	53	59	NA	NA	NA	.13
3/15	81	60	71	20	16	69	.00	71	57	64	NA	NA	NA	.14
3/16	70	39	55	3	16	74	.42	66	50	58	NA	NA	NA	.14
3/17	66	39	53	1	16	77	.00	65	50	58	NA	NA	NA	.12
3/18	80	49	65	13	21	92	Trace	68	50	59	NA	NA	NA	.18
3/19	68	33	51	-2	21	93	.00	65	46	56	NA	NA	NA	.15
3/20	61	34	48	-5	21	93	.55	65	46	56	NA	NA	NA	.10
3/21	77	44	61	8	22	104	.33	67	52	60	NA	NA	NA	.18
3/22	45	35	40	-13	22	104	.02	55	44	50	NA	NA	NA	.00
3/23	55	35	45	-9	22	104	.13	56	43	50	NA	NA	NA	.07
3/24	50	44	47	-7	22	104	.27	53	49	51	NA	NA	NA	.01
3/25	55	45	50	-4	22	104	.00	57	50	54	NA	NA	NA	.04
3/26	66	43	55	0	22	109	.00	65	51	58	NA	NA	NA	.11
3/27	70	43	57	2	22	116	.00	67	51	59	NA	NA	NA	.14
3/28	81	54	68	13	30	134	.00	73	55	64	NA	NA	NA	.17
3/29	82	61	72	16	42	156	.00	73	59	66	NA	NA	NA	.16
3/30	80	59	70	14	52	176	.69	71	62	67	NA	NA	NA	.15
3/31	73	48	61	4	53	187	.44	72	59	66	NA	NA	NA	.15

AIR TEMPERATURES (in degrees F):
Mean Maximum= 64.5 Mean Minimum= 42.0 Average= 53.3
DFN= +1.4 DFN= +2.3 DFN= +1.8
Highest= 82 Lowest= 30

PRECIPITATION STATISTICS (inches):
Total= 5.61 DFN= -.89 Greatest Daily= 1.79 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 73 Lowest= 38 Average= 54

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .10 (in)

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
4/ 1	54	32	43	-14	0	0	Trace	60	47	54	NA	NA	NA	.08
4/ 2	60	38	49	-9	0	0	.00	68	47	58	NA	NA	NA	.10
4/ 3	72	44	58	0	0	8	.00	67	49	58	NA	NA	NA	.15
4/ 4	70	57	64	6	4	22	1.02	63	59	61	NA	NA	NA	.10
4/ 5	62	44	53	-6	4	25	.65	62	54	58	NA	NA	NA	.09
4/ 6	62	36	49	-10	4	25	.01	68	50	59	NA	NA	NA	.12
4/ 7	58	36	47	-13	4	25	.50	59	49	54	NA	NA	NA	.09
4/ 8	59	40	50	-10	4	25	.30	64	49	57	NA	NA	NA	.09
4/ 9	60	37	49	-11	4	25	.24	58	48	53	NA	NA	NA	.11
4/10	54	37	46	-14	4	25	Trace	57	46	52	NA	NA	NA	.07
4/11	49	29	39	-22	4	25	Trace	52	41	47	NA	NA	NA	.06
4/12	55	29	42	-19	4	25	.00	62	40	51	NA	NA	NA	.10
4/13	62	34	48	-13	4	25	.00	63	45	54	NA	NA	NA	.13
4/14	70	36	53	-9	4	28	.00	71	47	59	NA	NA	NA	.17
4/15	69	44	57	-5	4	35	.30	65	47	56	NA	NA	NA	.14
4/16	61	39	50	-12	4	35	.00	60	51	56	NA	NA	NA	.11
4/17	71	40	56	-6	4	41	.00	73	50	62	NA	NA	NA	.17
4/18	81	48	65	2	9	56	.00	76	54	65	NA	NA	NA	.21
4/19	82	51	67	4	16	73	.00	80	57	69	NA	NA	NA	.21
4/20	68	43	56	-7	16	79	.00	68	54	61	NA	NA	NA	.14
4/21	75	43	59	-4	16	88	.00	78	54	66	NA	NA	NA	.19
4/22	82	48	65	1	21	103	.00	79	59	69	NA	NA	NA	.22
4/23	84	50	67	3	28	120	.00	82	59	71	NA	NA	NA	.22
4/24	85	58	72	8	40	142	.00	83	64	74	NA	NA	NA	.21
4/25	85	57	71	6	51	163	.00	85	66	76	NA	NA	NA	.21
4/26	86	57	72	7	63	185	.00	86	66	76	NA	NA	NA	.22
4/27	87	60	74	9	77	209	.00	86	68	77	NA	NA	NA	.21
4/28	88	62	75	10	92	234	.00	88	69	79	NA	NA	NA	.22
4/29	88	63	76	11	108	260	.03	90	70	80	NA	NA	NA	.21
4/30	81	59	70	4	118	280	.15	80	68	74	NA	NA	NA	.18

AIR TEMPERATURES (in degrees F):
Mean Maximum= 70.7 Mean Minimum= 45.0 Average= 57.8
DFN= -3.5 DFN= -3.9 DFN= -3.7
Highest= 88 Lowest= 29

PRECIPITATION STATISTICS (inches):
Total= 3.20 DFN= -1.62 Greatest Daily= 1.02 Rain Days= 9

SOIL TEMPERATURES (in degrees F):
Highest= 90 Lowest= 40 Average= 63

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .15 (in)

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
5/ 1	82	61	72	6	12	22	.32	82	66	74	NA	NA	NA	.18
5/ 2	71	50	61	-5	13	33	.00	72	50	61	NA	NA	NA	.15
5/ 3	72	49	61	-5	14	44	.00	75	49	62	NA	NA	NA	.16
5/ 4	69	49	59	-8	14	53	.00	77	50	64	NA	NA	NA	.14
5/ 5	63	55	59	-8	14	62	.32	63	63	63	NA	NA	NA	.08
5/ 6	72	52	62	-5	16	74	1.18	70	60	65	NA	NA	NA	.15
5/ 7	64	42	53	-14	16	77	.00	73	55	64	NA	NA	NA	.13
5/ 8	66	42	54	-13	16	81	.00	77	54	66	NA	NA	NA	.14
5/ 9	77	45	61	-7	17	92	.08	79	56	68	NA	NA	NA	.20
5/10	75	53	64	-4	21	106	.31	70	61	66	NA	NA	NA	.17
5/11	70	45	58	-10	21	114	Trace	71	56	64	NA	NA	NA	.16
5/12	70	41	56	-12	21	120	.00	75	55	65	NA	NA	NA	.17
5/13	72	43	58	-11	21	128	.00	78	55	67	NA	NA	NA	.18
5/14	70	47	59	-10	21	137	.01	70	59	65	NA	NA	NA	.16
5/15	68	57	63	-6	24	150	.27	67	62	65	NA	NA	NA	.11
5/16	75	49	62	-7	26	162	Trace	77	60	69	NA	NA	NA	.18
5/17	78	49	64	-5	30	176	.00	79	60	70	NA	NA	NA	.20
5/18	80	52	66	-4	36	192	.00	82	61	72	NA	NA	NA	.20
5/19	77	64	71	1	47	213	Trace	75	66	71	NA	NA	NA	.15
5/20	83	65	74	4	61	237	.00	78	67	73	NA	NA	NA	.18
5/21	74	58	66	-4	67	253	.82	73	64	69	NA	NA	NA	.15
5/22	85	59	72	1	79	275	.00	85	64	75	NA	NA	NA	.22
5/23	83	62	73	2	92	298	.25	80	68	74	NA	NA	NA	.19
5/24	80	57	69	-2	101	317	.00	85	67	76	NA	NA	NA	.19
5/25	86	59	73	2	114	340	.00	85	65	75	NA	NA	NA	.22
5/26	89	72	81	10	135	371	.00	88	73	81	NA	NA	NA	.20
5/27	89	68	79	7	154	400	.32	83	73	78	NA	NA	NA	.21
5/28	81	54	68	-4	162	418	.01	83	65	74	NA	NA	NA	.21
5/29	83	56	70	-2	172	438	.00	87	64	76	NA	NA	NA	.21
5/30	86	60	73	0	185	461	.00	90	67	79	NA	NA	NA	.22
5/31	89	66	78	5	203	489	.00	92	71	82	NA	NA	NA	.22

AIR TEMPERATURES (in degrees F):
Mean Maximum= 76.7 Mean Minimum= 54.2 Average= 65.5
DFN= -4.5 DFN= -2.4 DFN= -3.5
Highest= 89 Lowest= 41

PRECIPITATION STATISTICS (inches):
Total= 3.89 DFN= -.47 Greatest Daily= 1.18 Rain Days= 11

SOIL TEMPERATURES (in degrees F):
Highest= 92 Lowest= 49 Average= 70

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .18 (in)

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
6/ 1	89	66	78	5	18	28	.00	92	71	82	NA	NA	NA	.22
6/ 2	90	67	79	6	37	57	.00	96	74	85	NA	NA	NA	.22
6/ 3	78	64	71	-3	48	78	1.12	80	73	77	NA	NA	NA	.16
6/ 4	80	67	74	0	62	102	.00	80	72	76	NA	NA	NA	.16
6/ 5	83	67	75	1	77	127	.08	84	72	78	NA	NA	NA	.18
6/ 6	75	64	70	-4	87	147	2.19	77	71	74	NA	NA	NA	.14
6/ 7	76	57	67	-7	94	164	.00	82	67	75	NA	NA	NA	.17
6/ 8	79	59	69	-6	103	183	.07	84	67	76	NA	NA	NA	.18
6/ 9	73	64	69	-6	112	202	1.89	73	69	71	NA	NA	NA	.13
6/10	80	62	71	-4	123	223	.00	81	69	75	NA	NA	NA	.18
6/11	84	62	73	-2	136	246	.00	87	69	78	NA	NA	NA	.20
6/12	86	64	75	-1	151	271	.00	88	70	79	NA	NA	NA	.21
6/13	87	65	76	0	167	297	.76	88	73	81	NA	NA	NA	.21
6/14	82	65	74	-2	181	321	.48	82	73	78	NA	NA	NA	.18
6/15	83	65	74	-2	195	345	1.37	83	73	78	NA	NA	NA	.19
6/16	71	62	67	-9	202	362	.41	75	72	74	NA	NA	NA	.12
6/17	75	57	66	-10	208	378	.00	77	70	74	NA	NA	NA	.16
6/18	82	59	71	-6	219	399	.00	82	70	76	NA	NA	NA	.20
6/19	88	63	76	-1	235	425	1.94	85	72	79	NA	NA	NA	.23
6/20	77	64	71	-6	246	446	.10	78	72	75	NA	NA	NA	.15
6/21	81	65	73	-4	259	469	Trace	81	73	77	NA	NA	NA	.18
6/22	81	65	73	-4	272	492	1.70	81	73	77	NA	NA	NA	.18
6/23	81	64	73	-4	285	515	1.30	81	73	77	NA	NA	NA	.18
6/24	86	64	75	-3	300	540	.00	88	73	81	NA	NA	NA	.21
6/25	89	69	79	1	319	569	.00	88	76	82	NA	NA	NA	.21
6/26	91	71	81	3	340	600	.00	91	76	84	NA	NA	NA	.22
6/27	91	71	81	3	361	631	.00	89	78	84	NA	NA	NA	.22
6/28	91	71	81	3	382	662	.05	88	79	84	NA	NA	NA	.22
6/29	84	71	78	0	400	690	Trace	84	78	81	NA	NA	NA	.18
6/30	85	69	77	-1	417	717	.00	83	78	81	NA	NA	NA	.19

AIR TEMPERATURES (in degrees F):
Mean Maximum= 82.6 Mean Minimum= 64.8 Average= 73.7
DFN= -5.3 DFN= +.9 DFN= -2.2
Highest= 91 Lowest= 57

PRECIPITATION STATISTICS (inches):
Total= 13.46 DFN= +10.08 Greatest Daily= 2.19 Rain Days= 14

SOIL TEMPERATURES (in degrees F):
Highest= 96 Lowest= 67 Average= 78

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .19 (in)

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

	AIR TEMPERATURE				GDD			4 INCH SOIL			VEG		SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
7/ 1	81	70	76	-2	16	26	.38	82	76	79	NA	NA	NA	.16
7/ 2	80	68	74	-5	30	50	1.06	81	75	78	NA	NA	NA	.16
7/ 3	79	69	74	-5	44	74	.36	78	74	76	NA	NA	NA	.15
7/ 4	83	69	76	-3	60	100	.07	82	75	79	NA	NA	NA	.17
7/ 5	85	69	77	-2	77	127	.15	87	76	82	NA	NA	NA	.19
7/ 6	81	67	74	-5	91	151	.41	81	75	78	NA	NA	NA	.17
7/ 7	87	68	78	-1	109	179	.00	85	75	80	NA	NA	NA	.20
7/ 8	87	69	78	-1	127	207	.00	84	78	81	NA	NA	NA	.20
7/ 9	91	71	81	2	148	238	.00	88	77	83	NA	NA	NA	.22
7/10	92	70	81	2	169	269	.00	88	78	83	NA	NA	NA	.23
7/11	89	70	80	1	189	299	.03	88	79	84	NA	NA	NA	.21
7/12	80	68	74	-5	203	323	.95	80	77	79	NA	NA	NA	.16
7/13	88	69	79	0	222	352	Trace	88	77	83	NA	NA	NA	.21
7/14	88	69	79	0	241	381	.39	87	78	83	NA	NA	NA	.20
7/15	88	65	77	-3	258	408	.00	88	78	83	NA	NA	NA	.22
7/16	88	65	77	-3	275	435	.19	89	77	83	NA	NA	NA	.22
7/17	81	66	74	-6	289	459	.33	81	66	74	NA	NA	NA	.17
7/18	86	65	76	-4	305	485	.00	86	75	81	NA	NA	NA	.20
7/19	87	66	77	-3	322	512	.00	87	76	82	NA	NA	NA	.21
7/20	85	65	75	-5	337	537	.56	84	76	80	NA	NA	NA	.20
7/21	84	65	75	-5	352	562	.00	85	75	80	NA	NA	NA	.19
7/22	86	65	76	-4	368	588	.00	87	76	82	NA	NA	NA	.20
7/23	90	68	79	-1	387	617	Trace	85	78	82	NA	NA	NA	.22
7/24	86	69	78	-2	405	645	.00	88	76	82	NA	NA	NA	.19
7/25	86	68	77	-3	422	672	.23	85	77	81	NA	NA	NA	.19
7/26	92	69	81	1	443	703	.00	95	77	86	NA	NA	NA	.23
7/27	95	70	83	3	466	736	Trace	99	77	88	NA	NA	NA	.24
7/28	94	71	83	4	489	769	.00	100	79	90	NA	NA	NA	.23
7/29	94	70	82	3	511	801	Trace	102	79	91	NA	NA	NA	.23
7/30	93	70	82	3	533	833	.03	102	79	91	NA	NA	NA	.23
7/31	91	69	80	1	553	863	Trace	101	80	91	NA	NA	NA	.22

AIR TEMPERATURES (in degrees F):
Mean Maximum= 87.0 Mean Minimum= 68.1 Average= 77.6
DFN= -3.6 DFN= +.7 DFN= -1.4
Highest= 95 Lowest= 65

PRECIPITATION STATISTICS (inches):
Total= 5.14 DFN= +.60 Greatest Daily= 1.06 Rain Days= 14

SOIL TEMPERATURES (in degrees F):
Highest= 102 Lowest= 66 Average= 82

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .20 (in)

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
8/ 1	92	69	81	2	21	31	1.10	102	80	91	NA	NA	NA	.22
8/ 2	88	70	79	0	40	60	.05	91	79	85	NA	NA	NA	.20
8/ 3	90	70	80	1	60	90	.23	93	78	86	NA	NA	NA	.21
8/ 4	91	66	79	0	79	119	Trace	95	78	87	NA	NA	NA	.23
8/ 5	92	67	80	1	99	149	.00	98	78	88	NA	NA	NA	.23
8/ 6	92	70	81	2	120	180	.00	101	79	90	NA	NA	NA	.22
8/ 7	92	67	80	1	140	210	.35	99	76	88	NA	NA	NA	.23
8/ 8	80	52	66	-13	146	226	.00	88	67	78	NA	NA	NA	.20
8/ 9	79	52	66	-13	152	242	.00	88	66	77	NA	NA	NA	.19
8/10	82	54	68	-11	160	260	.00	90	66	78	NA	NA	NA	.20
8/11	84	58	71	-8	171	281	.00	92	72	82	NA	NA	NA	.20
8/12	85	57	71	-8	182	302	.00	94	72	83	NA	NA	NA	.21
8/13	86	57	72	-7	194	324	.00	96	72	84	NA	NA	NA	.22
8/14	87	59	73	-6	207	347	.00	94	72	83	NA	NA	NA	.22
8/15	88	61	75	-4	222	372	Trace	95	73	84	NA	NA	NA	.22
8/16	87	65	76	-3	238	398	Trace	94	77	86	NA	NA	NA	.20
8/17	89	65	77	-2	255	425	.05	96	77	87	NA	NA	NA	.21
8/18	79	63	71	-8	266	446	.45	82	74	78	NA	NA	NA	.15
8/19	85	63	74	-5	280	470	.00	89	73	81	NA	NA	NA	.19
8/20	87	63	75	-4	295	495	.00	90	73	82	NA	NA	NA	.20
8/21	90	63	77	-1	312	522	.00	93	73	83	NA	NA	NA	.22
8/22	92	70	81	3	333	553	.00	100	77	89	NA	NA	NA	.21
8/23	93	71	82	4	355	585	Trace	98	79	89	NA	NA	NA	.21
8/24	95	72	84	6	379	619	.00	101	81	91	NA	NA	NA	.22
8/25	93	69	81	3	400	650	.08	78	NA	91	NA	NA	NA	.22
8/26	89	69	79	1	419	679	Trace	94	77	86	NA	NA	NA	.19
8/27	92	68	80	2	439	709	Trace	93	77	85	NA	NA	NA	.21
8/28	92	69	81	4	460	740	.00	97	77	87	NA	NA	NA	.21
8/29	93	69	81	4	481	771	.00	100	78	89	NA	NA	NA	.22
8/30	93	70	82	5	503	803	Trace	100	80	90	NA	NA	NA	.21
8/31	87	67	77	0	520	830	.46	89	76	83	NA	NA	NA	.18

AIR TEMPERATURES (in degrees F):
Mean Maximum= 88.5 Mean Minimum= 64.7 Average= 76.6
DFN= -2.0 DFN= -1.3 DFN= -1.7
Highest= 95 Lowest= 52

PRECIPITATION STATISTICS (inches):
Total= 2.77 DFN= -.46 Greatest Daily= 1.10 Rain Days= 8

SOIL TEMPERATURES (in degrees F):
Highest= 102 Lowest= 66 Average= 85

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .21 (in)

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

	AIR TEMPERATURE				GDD			4 INCH SOIL			VEG		SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
9/ 1	92	69	81	5	21	31	.00	91	76	84	NA	NA	NA	.21
9/ 2	92	69	81	5	42	62	.09	90	77	84	NA	NA	NA	.21
9/ 3	87	64	76	0	58	88	Trace	85	75	80	NA	NA	NA	.19
9/ 4	89	64	77	1	75	115	.00	91	75	83	NA	NA	NA	.20
9/ 5	86	62	74	-2	89	139	.05	92	75	84	NA	NA	NA	.19
9/ 6	87	62	75	0	104	164	.00	93	75	84	NA	NA	NA	.19
9/ 7	83	63	73	-2	117	187	.12	88	74	81	NA	NA	NA	.16
9/ 8	86	63	75	0	132	212	.00	89	73	81	NA	NA	NA	.18
9/ 9	90	64	77	2	149	239	.00	95	74	85	NA	NA	NA	.20
9/10	92	66	79	5	168	268	.18	95	75	85	NA	NA	NA	.21
9/11	87	70	79	5	187	297	.05	88	77	83	NA	NA	NA	.17
9/12	85	68	77	3	204	324	.83	87	75	81	NA	NA	NA	.16
9/13	87	68	78	4	222	352	.00	87	75	81	NA	NA	NA	.17
9/14	92	66	79	6	241	381	.00	99	83	91	NA	NA	NA	.21
9/15	88	68	78	5	259	409	1.12	86	75	81	NA	NA	NA	.17
9/16	72	61	67	-6	266	426	Trace	77	72	75	NA	NA	NA	.09
9/17	75	56	66	-6	272	442	.00	81	68	75	NA	NA	NA	.13
9/18	80	55	68	-4	280	460	.00	81	65	73	NA	NA	NA	.16
9/19	81	55	68	-4	288	478	.00	82	65	74	NA	NA	NA	.17
9/20	83	55	69	-2	297	497	.00	86	66	76	NA	NA	NA	.18
9/21	83	58	71	0	308	518	.00	84	68	76	NA	NA	NA	.17
9/22	78	59	69	-2	317	537	Trace	71	69	70	NA	NA	NA	.13
9/23	74	60	67	-4	324	554	Trace	75	70	73	NA	NA	NA	.11
9/24	65	43	54	-16	324	558	Trace	70	59	65	NA	NA	NA	.10
9/25	69	45	57	-13	324	565	.78	78	56	67	NA	NA	NA	.12
9/26	62	52	57	-12	324	572	.59	65	62	64	NA	NA	NA	.05
9/27	77	53	65	-4	329	587	.00	75	62	69	NA	NA	NA	.14
9/28	78	53	66	-2	335	603	.00	76	62	69	NA	NA	NA	.15
9/29	62	55	59	-9	335	612	.60	66	65	66	NA	NA	NA	.04
9/30	66	58	62	-5	337	624	1.22	67	65	66	NA	NA	NA	.05

AIR TEMPERATURES (in degrees F):
Mean Maximum= 80.9 Mean Minimum= 60.1 Average= 70.5
DFN= -3.7 DFN= -.1 DFN= -1.9
Highest= 92 Lowest= 43

PRECIPITATION STATISTICS (inches):
Total= 5.63 DFN= +1.92 Greatest Daily= 1.22 Rain Days= 11

SOIL TEMPERATURES (in degrees F):
Highest= 99 Lowest= 56 Average= 77

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .15 (in)

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	70	63	67	0	7	17	1.04	71	66	69	NA	NA	NA	.06
10/ 2	71	60	66	-1	13	33	.66	71	68	70	NA	NA	NA	.08
10/ 3	79	61	70	4	23	53	.00	77	67	72	NA	NA	NA	.12
10/ 4	78	51	65	-1	28	68	.00	78	63	71	NA	NA	NA	.15
10/ 5	76	44	60	-6	28	78	.00	74	60	67	NA	NA	NA	.16
10/ 6	80	44	62	-3	30	90	.00	77	59	68	NA	NA	NA	.18
10/ 7	86	55	71	6	41	111	.00	81	64	73	NA	NA	NA	.18
10/ 8	73	41	57	-7	41	118	.00	77	60	69	NA	NA	NA	.15
10/ 9	70	38	54	-10	41	122	.00	75	57	66	NA	NA	NA	.14
10/10	70	38	54	-10	41	126	.00	74	56	65	NA	NA	NA	.14
10/11	75	41	58	-5	41	134	.00	75	57	66	NA	NA	NA	.16
10/12	80	45	63	0	44	147	.00	77	59	68	NA	NA	NA	.17
10/13	83	50	67	5	51	164	.00	78	61	70	NA	NA	NA	.18
10/14	80	52	66	4	57	180	.00	75	63	69	NA	NA	NA	.15
10/15	81	51	66	5	63	196	.00	79	64	72	NA	NA	NA	.16
10/16	82	51	67	6	70	213	.00	78	64	71	NA	NA	NA	.16
10/17	77	67	72	11	82	235	.86	73	70	72	NA	NA	NA	.08
10/18	75	50	63	3	85	248	.01	73	63	68	NA	NA	NA	.12
10/19	52	37	45	-15	85	248	.04	63	53	58	NA	NA	NA	.02
10/20	42	33	38	-21	85	248	Trace	54	49	52	NA	NA	NA	.00
10/21	51	30	41	-18	85	248	.00	56	47	52	NA	NA	NA	.03
10/22	69	30	50	-9	85	248	.00	61	47	54	NA	NA	NA	.14
10/23	76	45	61	3	86	259	.00	67	52	60	NA	NA	NA	.14
10/24	75	44	60	2	86	269	.00	70	57	64	NA	NA	NA	.14
10/25	75	42	59	1	86	278	.00	71	56	64	NA	NA	NA	.14
10/26	76	42	59	2	86	287	.00	71	55	63	NA	NA	NA	.15
10/27	76	41	59	2	86	296	.00	71	55	63	NA	NA	NA	.15
10/28	76	40	58	1	86	304	.00	72	55	64	NA	NA	NA	.15
10/29	77	41	59	3	86	313	.00	73	55	64	NA	NA	NA	.15
10/30	79	40	60	4	86	323	.00	71	56	64	NA	NA	NA	.17
10/31	78	47	63	7	89	336	.04	70	56	63	NA	NA	NA	.14

AIR TEMPERATURES (in degrees F):
Mean Maximum= 73.8 Mean Minimum= 45.6 Average= 59.7
DFN= -.7 DFN= -1.7 DFN= -1.2
Highest= 86 Lowest= 30

PRECIPITATION STATISTICS (inches):
Total= 2.65 DFN= -.29 Greatest Daily= 1.04 Rain Days= 6

SOIL TEMPERATURES (in degrees F):
Highest= 81 Lowest= 47 Average= 65

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .13 (in)

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	63	36	50	-5	0	0	Trace	64	52	58	NA	NA	NA	.08
11/ 2	62	36	49	-6	0	0	.00	61	52	57	NA	NA	NA	.07
11/ 3	65	33	49	-5	0	0	.00	62	50	56	NA	NA	NA	.10
11/ 4	55	26	41	-13	0	0	.00	62	48	55	NA	NA	NA	.06
11/ 5	66	28	47	-7	0	0	.00	63	47	55	NA	NA	NA	.12
11/ 6	74	44	59	6	0	9	.92	62	51	57	NA	NA	NA	.12
11/ 7	62	52	57	4	0	16	.28	61	60	61	NA	NA	NA	.02
11/ 8	68	58	63	10	3	29	.03	62	60	61	NA	NA	NA	.04
11/ 9	74	44	59	6	3	38	.55	69	58	64	NA	NA	NA	.12
11/10	62	40	51	-1	3	39	.00	63	53	58	NA	NA	NA	.05
11/11	69	40	55	3	3	44	.00	63	53	58	NA	NA	NA	.10
11/12	79	43	61	9	4	55	.00	63	54	59	NA	NA	NA	.15
11/13	79	43	61	9	5	66	.00	66	53	60	NA	NA	NA	.15
11/14	78	43	61	10	6	77	.08	65	54	60	NA	NA	NA	.14
11/15	65	56	61	10	7	88	.60	61	60	61	NA	NA	NA	.02
11/16	73	36	55	4	7	93	1.00	65	53	59	NA	NA	NA	.13
11/17	44	22	33	-17	7	93	Trace	53	45	49	NA	NA	NA	.00
11/18	41	23	32	-18	7	93	.00	52	46	49	NA	NA	NA	.00
11/19	52	31	42	-7	7	93	.00	54	47	51	NA	NA	NA	.01
11/20	65	32	49	0	7	93	.00	50	46	48	NA	NA	NA	.09
11/21	72	35	54	5	7	97	.00	57	47	52	NA	NA	NA	.12
11/22	62	41	52	3	7	99	.05	55	51	53	NA	NA	NA	.04
11/23	45	31	38	-11	7	99	1.39	51	45	48	NA	NA	NA	.00
11/24	43	24	34	-14	7	99	.00	47	42	45	NA	NA	NA	.00
11/25	51	25	38	-10	7	99	.00	48	42	45	NA	NA	NA	.02
11/26	62	39	51	3	7	100	.00	52	43	48	NA	NA	NA	.05
11/27	65	55	60	12	7	110	Trace	55	51	53	NA	NA	NA	.01
11/28	70	55	63	16	10	123	.08	60	55	58	NA	NA	NA	.05
11/29	57	32	45	-2	10	123	.00	60	49	55	NA	NA	NA	.04
11/30	47	22	35	-12	10	123	.00	51	44	48	NA	NA	NA	.00

AIR TEMPERATURES (in degrees F):
Mean Maximum= 62.3 Mean Minimum= 37.5 Average= 49.9
DFN= -.5 DFN= -.7 DFN= -.6
Highest= 79 Lowest= 22

PRECIPITATION STATISTICS (inches):
Total= 4.98 DFN= +.59 Greatest Daily= 1.39 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 69 Lowest= 42 Average= 54

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .06 (in)

Daily Weather Observations: Tennessee Valley Substation, Belle Mina

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	53	23	38	-9	0	0	.00	51	43	47	NA	NA	NA	.04
12/ 2	54	32	43	-3	0	0	.00	51	43	47	NA	NA	NA	.02
12/ 3	56	24	40	-6	0	0	.00	51	38	45	NA	NA	NA	.05
12/ 4	37	18	28	-18	0	0	.00	44	35	40	NA	NA	NA	.00
12/ 5	51	18	35	-10	0	0	.00	45	34	40	NA	NA	NA	.04
12/ 6	64	29	47	2	0	0	.00	51	37	44	NA	NA	NA	.09
12/ 7	70	40	55	10	0	5	.00	56	44	50	NA	NA	NA	.09
12/ 8	49	34	42	-3	0	5	.72	48	44	46	NA	NA	NA	.00
12/ 9	35	30	33	-12	0	5	.26	44	37	41	NA	NA	NA	.00
12/10	34	29	32	-12	0	5	.03	39	37	38	NA	NA	NA	.00
12/11	45	30	38	-6	0	5	.00	44	39	42	NA	NA	NA	.00
12/12	49	32	41	-3	0	5	.34	46	41	44	NA	NA	NA	.00
12/13	35	16	26	-18	0	5	.00	42	35	39	NA	NA	NA	.00
12/14	38	16	27	-17	0	5	.00	41	35	38	NA	NA	NA	.00
12/15	43	27	35	-9	0	5	.00	44	36	40	NA	NA	NA	.00
12/16	50	6	28	-15	0	5	.00	43	34	39	NA	NA	NA	.07
12/17	27	6	17	-26	0	5	.00	34	32	33	NA	NA	NA	.00
12/18	30	18	24	-19	0	5	.00	33	31	32	NA	NA	NA	.00
12/19	38	23	31	-12	0	5	.15	35	32	34	NA	NA	NA	.00
12/20	36	16	26	-17	0	5	.02	36	35	36	NA	NA	NA	.00
12/21	37	17	27	-16	0	5	.00	36	35	36	NA	NA	NA	.00
12/22	32	-4	14	-28	0	5	.00	35	33	34	NA	NA	NA	.00
12/23	9	-5	2	-40	0	5	.00	NA	NA	34	NA	NA	NA	.00
12/24	18	0	9	-33	0	5	.00	NA	NA	34	NA	NA	NA	.00
12/25	22	1	12	-30	0	5	.02	NA	NA	34	NA	NA	NA	.00
12/26	34	20	27	-15	0	5	.00	NA	NA	34	NA	NA	NA	.00
12/27	42	22	32	-9	0	5	.00	31	30	31	NA	NA	NA	.00
12/28	59	23	41	0	0	5	.00	32	30	31	NA	NA	NA	.07
12/29	60	25	43	2	0	5	.00	34	32	33	NA	NA	NA	.07
12/30	60	42	51	10	0	6	.06	43	34	39	NA	NA	NA	.02
12/31	60	53	57	16	0	13	1.78	50	43	47	NA	NA	NA	.00

AIR TEMPERATURES (in degrees F):
Mean Maximum= 42.8 Mean Minimum= 21.3 Average= 32.1
DFN= -11.0 DFN= -11.3 DFN= -11.1
Highest= 70 Lowest= -5

PRECIPITATION STATISTICS (inches):
Total= 3.38 DFN= -1.99 Greatest Daily= 1.78 Rain Days= 9

SOIL TEMPERATURES (in degrees F):
Highest= 56 Lowest= 30 Average= 39

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .02 (in)

Daily Weather Observations: Brewton Experiment Field, Brewton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
1/ 1	78	62	70	20	10	20	.98	67	63	65	NA	NA	NA	.08
1/ 2	66	38	52	2	10	22	.00	66	54	60	NA	NA	NA	.08
1/ 3	74	39	57	7	10	29	.00	64	54	59	NA	NA	NA	.13
1/ 4	78	34	56	6	10	35	.00	64	53	59	NA	NA	NA	.17
1/ 5	61	28	45	-5	10	35	.00	60	48	54	NA	NA	NA	.08
1/ 6	66	28	47	-3	10	35	.00	59	48	54	NA	NA	NA	.11
1/ 7	76	60	68	18	18	53	.00	66	59	63	NA	NA	NA	.07
1/ 8	79	62	71	21	29	74	.00	70	62	66	NA	NA	NA	.09
1/ 9	75	47	61	11	30	85	Trace	70	59	65	NA	NA	NA	.11
1/10	61	45	53	3	30	88	.00	61	57	59	NA	NA	NA	.03
1/11	61	50	56	6	30	94	.05	58	56	57	NA	NA	NA	.01
1/12	64	52	58	9	30	102	Trace	60	58	59	NA	NA	NA	.02
1/13	75	57	66	17	36	118	Trace	65	60	63	NA	NA	NA	.08
1/14	65	48	57	8	36	125	.05	65	59	62	NA	NA	NA	.04
1/15	75	55	65	15	41	140	.49	64	59	62	NA	NA	NA	.09
1/16	66	38	52	2	41	142	.02	66	54	60	NA	NA	NA	.08
1/17	51	27	39	-11	41	142	.00	58	46	52	NA	NA	NA	.02
1/18	64	27	46	-4	41	142	.00	59	46	53	NA	NA	NA	.11
1/19	63	34	49	-1	41	142	.02	56	49	53	NA	NA	NA	.08
1/20	61	44	53	3	41	145	.48	55	52	54	NA	NA	NA	.03
1/21	56	35	46	-4	41	145	.14	55	45	50	NA	NA	NA	.03
1/22	57	34	46	-4	41	145	.00	63	45	54	NA	NA	NA	.04
1/23	66	28	47	-3	41	145	.00	59	45	52	NA	NA	NA	.12
1/24	69	28	49	-1	41	145	.00	60	46	53	NA	NA	NA	.14
1/25	72	29	51	1	41	146	.00	59	47	53	NA	NA	NA	.15
1/26	76	30	53	3	41	149	.00	61	47	54	NA	NA	NA	.18
1/27	76	42	59	9	41	158	Trace	64	52	58	NA	NA	NA	.14
1/28	70	30	50	0	41	158	.00	68	50	59	NA	NA	NA	.14
1/29	72	30	51	1	41	159	.00	65	50	58	NA	NA	NA	.15
1/30	78	35	57	7	41	166	.00	66	51	59	NA	NA	NA	.18
1/31	72	33	53	2	41	169	.05	65	52	59	NA	NA	NA	.15

AIR TEMPERATURES (in degrees F):
Mean Maximum= 68.5 Mean Minimum= 39.6 Average= 54.1
DFN= +6.2 DFN= +2.7 DFN= +4.5
Highest= 79 Lowest= 27

PRECIPITATION STATISTICS (inches):
Total= 2.28 DFN= -2.48 Greatest Daily= .98 Rain Days= 9

SOIL TEMPERATURES (in degrees F):
Highest= 70 Lowest= 45 Average= 57

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .09 (in)

Daily Weather Observations: Brewton Experiment Field, Brewton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
2/ 1	74	34	54	3	0	4	.00	67	52	60	NA	NA	NA	.16
2/ 2	82	61	72	21	12	26	.00	73	60	67	NA	NA	NA	.12
2/ 3	81	57	69	18	21	45	.00	72	64	68	NA	NA	NA	.13
2/ 4	83	43	63	12	24	58	.00	74	60	67	NA	NA	NA	.19
2/ 5	54	42	48	-3	24	58	.00	60	57	59	NA	NA	NA	.01
2/ 6	52	42	47	-4	24	58	.14	56	56	56	NA	NA	NA	.00
2/ 7	55	34	45	-7	24	58	.12	58	51	55	NA	NA	NA	.04
2/ 8	51	29	40	-12	24	58	.00	56	47	52	NA	NA	NA	.03
2/ 9	56	29	43	-9	24	58	.00	57	44	51	NA	NA	NA	.06
2/10	50	25	38	-14	24	58	.00	54	43	49	NA	NA	NA	.04
2/11	53	23	38	-14	24	58	.00	57	43	50	NA	NA	NA	.06
2/12	64	24	44	-8	24	58	.00	60	43	52	NA	NA	NA	.13
2/13	72	30	51	-1	24	59	.00	63	47	55	NA	NA	NA	.16
2/14	68	51	60	8	24	69	.00	60	53	57	NA	NA	NA	.07
2/15	83	61	72	20	36	91	.00	70	60	65	NA	NA	NA	.14
2/16	84	55	70	17	46	111	.00	74	65	70	NA	NA	NA	.16
2/17	81	52	67	14	53	128	.00	77	63	70	NA	NA	NA	.15
2/18	80	45	63	10	56	141	Trace	72	60	66	NA	NA	NA	.17
2/19	55	41	48	-5	56	141	.06	61	55	58	NA	NA	NA	.03
2/20	51	41	46	-7	56	141	Trace	56	54	55	NA	NA	NA	.00
2/21	76	47	62	8	58	153	.95	67	54	61	NA	NA	NA	.14
2/22	66	41	54	0	58	157	.02	63	53	58	NA	NA	NA	.10
2/23	45	25	35	-19	58	157	Trace	53	42	48	NA	NA	NA	.02
2/24	37	17	27	-27	58	157	Trace	50	39	45	NA	NA	NA	.00
2/25	48	19	34	-20	58	157	.00	51	39	45	NA	NA	NA	.06
2/26	58	21	40	-15	58	157	.00	56	40	48	NA	NA	NA	.11
2/27	72	43	58	3	58	165	.00	60	50	55	NA	NA	NA	.13
2/28	77	47	62	7	60	177	.42	65	53	59	NA	NA	NA	.15

AIR TEMPERATURES (in degrees F):
Mean Maximum= 64.6 Mean Minimum= 38.5 Average= 51.6
DFN= -1.7 DFN= -.1 DFN= -.9
Highest= 84 Lowest= 17

PRECIPITATION STATISTICS (inches):
Total= 1.71 DFN= -3.86 Greatest Daily= .95 Rain Days= 6

SOIL TEMPERATURES (in degrees F):
Highest= 77 Lowest= 39 Average= 57

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .09 (in)

Daily Weather Observations: Brewton Experiment Field, Brewton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
3/ 1	65	47	56	1	0	6	Trace	64	55	60	NA	NA	NA	.08
3/ 2	58	47	53	-3	0	9	.17	56	55	56	NA	NA	NA	.04
3/ 3	55	46	51	-5	0	10	1.25	55	54	55	NA	NA	NA	.02
3/ 4	66	47	57	1	0	17	Trace	63	54	59	NA	NA	NA	.09
3/ 5	81	58	70	14	10	37	Trace	67	60	64	NA	NA	NA	.15
3/ 6	82	38	60	3	10	47	.20	71	55	63	NA	NA	NA	.22
3/ 7	50	31	41	-16	10	47	.00	62	48	55	NA	NA	NA	.04
3/ 8	41	31	36	-21	10	47	.00	48	48	48	NA	NA	NA	.00
3/ 9	56	29	43	-14	10	47	.00	56	46	51	NA	NA	NA	.09
3/10	69	32	51	-7	10	48	.00	64	47	56	NA	NA	NA	.16
3/11	76	35	56	-2	10	54	.00	68	48	58	NA	NA	NA	.19
3/12	82	40	61	3	11	65	.00	72	52	62	NA	NA	NA	.22
3/13	85	43	64	6	15	79	.00	73	55	64	NA	NA	NA	.23
3/14	82	49	66	7	21	95	.00	74	58	66	NA	NA	NA	.19
3/15	84	57	71	12	32	116	.00	75	63	69	NA	NA	NA	.18
3/16	84	55	70	11	42	136	.53	76	65	71	NA	NA	NA	.19
3/17	82	54	68	9	50	154	.05	76	65	71	NA	NA	NA	.18
3/18	86	56	71	11	61	175	.00	78	67	73	NA	NA	NA	.20
3/19	85	55	70	10	71	195	.00	81	65	73	NA	NA	NA	.19
3/20	83	54	69	9	80	214	.00	80	65	73	NA	NA	NA	.19
3/21	83	60	72	12	92	236	.82	78	67	73	NA	NA	NA	.17
3/22	71	45	58	-3	92	244	1.05	69	59	64	NA	NA	NA	.14
3/23	55	41	48	-13	92	244	1.50	59	56	58	NA	NA	NA	.05
3/24	55	45	50	-11	92	244	.08	57	55	56	NA	NA	NA	.04
3/25	57	46	52	-10	92	246	.00	60	56	58	NA	NA	NA	.05
3/26	69	45	57	-5	92	253	.00	66	57	62	NA	NA	NA	.13
3/27	79	48	64	2	96	267	.00	72	58	65	NA	NA	NA	.18
3/28	86	53	70	8	106	287	.00	82	60	71	NA	NA	NA	.21
3/29	87	60	74	11	120	311	.00	82	66	74	NA	NA	NA	.20
3/30	83	57	70	7	130	331	2.63	78	67	73	NA	NA	NA	.18
3/31	82	58	70	7	140	351	.00	79	65	72	NA	NA	NA	.18

AIR TEMPERATURES (in degrees F):
Mean Maximum= 72.9 Mean Minimum= 47.2 Average= 60.0
DFN= -.3 DFN= +2.4 DFN= +1.0
Highest= 87 Lowest= 29

PRECIPITATION STATISTICS (inches):
Total= 8.28 DFN= +2.08 Greatest Daily= 2.63 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 82 Lowest= 46 Average= 63

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .14 (in)

Daily Weather Observations: Brewton Experiment Field, Brewton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
4/ 1	67	36	52	-11	0	2	.00	70	58	64	NA	NA	NA	.15
4/ 2	68	34	51	-13	0	3	.00	72	58	65	NA	NA	NA	.16
4/ 3	77	36	57	-7	0	10	.00	73	59	66	NA	NA	NA	.22
4/ 4	83	54	69	5	9	29	.00	78	64	71	NA	NA	NA	.20
4/ 5	84	58	71	7	20	50	2.74	76	66	71	NA	NA	NA	.19
4/ 6	73	36	55	-9	20	55	.00	76	56	66	NA	NA	NA	.19
4/ 7	73	37	55	-10	20	60	.00	74	56	65	NA	NA	NA	.19
4/ 8	69	41	55	-10	20	65	.00	71	60	66	NA	NA	NA	.15
4/ 9	81	47	64	-1	24	79	.12	74	60	67	NA	NA	NA	.21
4/10	61	43	52	-13	24	81	.12	65	56	61	NA	NA	NA	.10
4/11	51	35	43	-23	24	81	.06	56	49	53	NA	NA	NA	.06
4/12	61	29	45	-21	24	81	.00	69	49	59	NA	NA	NA	.14
4/13	69	31	50	-16	24	81	.00	74	50	62	NA	NA	NA	.19
4/14	76	43	60	-6	24	91	.00	77	59	68	NA	NA	NA	.19
4/15	80	45	63	-3	27	104	.28	73	60	67	NA	NA	NA	.21
4/16	76	46	61	-6	28	115	.00	74	61	68	NA	NA	NA	.19
4/17	79	43	61	-6	29	126	.00	81	61	71	NA	NA	NA	.21
4/18	85	45	65	-2	34	141	.00	84	61	73	NA	NA	NA	.25
4/19	85	48	67	0	41	158	.00	84	64	74	NA	NA	NA	.24
4/20	86	55	71	4	52	179	.79	82	67	75	NA	NA	NA	.22
4/21	81	56	69	1	61	198	.00	80	67	74	NA	NA	NA	.19
4/22	74	48	61	-7	62	209	.00	73	64	69	NA	NA	NA	.17
4/23	85	49	67	-1	69	226	.00	86	64	75	NA	NA	NA	.24
4/24	87	52	70	2	79	246	.00	86	67	77	NA	NA	NA	.24
4/25	86	54	70	1	89	266	.00	87	69	78	NA	NA	NA	.23
4/26	88	56	72	3	101	288	.00	90	71	81	NA	NA	NA	.23
4/27	91	55	73	4	114	311	.00	91	72	82	NA	NA	NA	.26
4/28	92	57	75	6	129	336	.00	92	72	82	NA	NA	NA	.26
4/29	86	60	73	4	142	359	.44	86	70	78	NA	NA	NA	.21
4/30	81	59	70	0	152	379	.05	78	69	74	NA	NA	NA	.18

AIR TEMPERATURES (in degrees F):
Mean Maximum= 77.8 Mean Minimum= 46.3 Average= 62.0
DFN= -3.4 DFN= -5.2 DFN= -4.3
Highest= 92 Lowest= 29

PRECIPITATION STATISTICS (inches):
Total= 4.60 DFN= -.56 Greatest Daily= 2.74 Rain Days= 8

SOIL TEMPERATURES (in degrees F):
Highest= 92 Lowest= 49 Average= 70

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .20 (in)

Daily Weather Observations: Brewton Experiment Field, Brewton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
5/ 1	84	61	73	3	13	23	1.95	83	69	76	NA	NA	NA	.20
5/ 2	79	53	66	-4	19	39	.16	77	66	72	NA	NA	NA	.19
5/ 3	80	44	62	-8	21	51	.00	81	64	73	NA	NA	NA	.23
5/ 4	80	49	65	-6	26	66	.00	83	64	74	NA	NA	NA	.21
5/ 5	83	59	71	0	37	87	Trace	83	69	76	NA	NA	NA	.20
5/ 6	87	53	70	-1	47	107	Trace	84	69	77	NA	NA	NA	.24
5/ 7	85	42	64	-7	51	121	.00	87	66	77	NA	NA	NA	.26
5/ 8	78	42	60	-11	51	131	.00	85	65	75	NA	NA	NA	.22
5/ 9	83	46	65	-7	56	146	.00	86	65	76	NA	NA	NA	.24
5/10	85	65	75	3	71	171	.68	80	72	76	NA	NA	NA	.19
5/11	75	44	60	-12	71	181	.04	77	63	70	NA	NA	NA	.20
5/12	77	40	59	-13	71	190	.00	82	63	73	NA	NA	NA	.22
5/13	79	45	62	-10	73	202	.00	85	63	74	NA	NA	NA	.22
5/14	83	53	68	-5	81	220	Trace	84	68	76	NA	NA	NA	.22
5/15	78	55	67	-6	88	237	.00	76	68	72	NA	NA	NA	.18
5/16	87	57	72	-1	100	259	.00	88	68	78	NA	NA	NA	.23
5/17	82	58	70	-3	110	279	.00	83	71	77	NA	NA	NA	.20
5/18	88	60	74	0	124	303	.00	89	71	80	NA	NA	NA	.23
5/19	91	61	76	2	140	329	.96	90	73	82	NA	NA	NA	.25
5/20	84	63	74	0	154	353	Trace	81	74	78	NA	NA	NA	.20
5/21	87	62	75	1	169	378	1.34	83	72	78	NA	NA	NA	.22
5/22	79	61	70	-4	179	398	Trace	79	71	75	NA	NA	NA	.17
5/23	89	64	77	2	196	425	.04	87	71	79	NA	NA	NA	.23
5/24	84	59	72	-3	208	447	2.44	77	69	73	NA	NA	NA	.21
5/25	90	62	76	1	224	473	.32	85	69	77	NA	NA	NA	.24
5/26	91	68	80	5	244	503	.00	87	75	81	NA	NA	NA	.23
5/27	92	71	82	7	266	535	.00	93	76	85	NA	NA	NA	.22
5/28	94	68	81	5	287	566	.08	97	78	88	NA	NA	NA	.25
5/29	90	59	75	-1	302	591	.00	96	76	86	NA	NA	NA	.25
5/30	90	62	76	0	318	617	.00	96	76	86	NA	NA	NA	.24
5/31	93	67	80	4	338	647	.00	95	78	87	NA	NA	NA	.24

AIR TEMPERATURES (in degrees F):
Mean Maximum= 84.7 Mean Minimum= 56.5 Average= 70.6
DFN= -2.5 DFN= -1.6 DFN= -2.1
Highest= 94 Lowest= 40

PRECIPITATION STATISTICS (inches):
Total= 8.01 DFN= +3.27 Greatest Daily= 2.44 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 97 Lowest= 63 Average= 77

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .22 (in)

Daily Weather Observations: Brewton Experiment Field, Brewton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
6/ 1	93	67	80	4	20	30	.21	97	79	88	NA	NA	NA	.24
6/ 2	94	67	81	5	41	61	Trace	97	79	88	NA	NA	NA	.25
6/ 3	93	65	79	2	60	90	.00	97	79	88	NA	NA	NA	.25
6/ 4	88	65	77	0	77	117	.21	92	77	85	NA	NA	NA	.22
6/ 5	91	67	79	2	96	146	.00	91	77	84	NA	NA	NA	.23
6/ 6	88	65	77	0	113	173	.50	86	75	81	NA	NA	NA	.22
6/ 7	87	63	75	-2	128	198	.00	85	75	80	NA	NA	NA	.22
6/ 8	91	64	78	1	146	226	.67	90	75	83	NA	NA	NA	.24
6/ 9	77	63	70	-8	156	246	2.05	75	72	74	NA	NA	NA	.16
6/10	86	62	74	-4	170	270	.00	89	72	81	NA	NA	NA	.22
6/11	91	65	78	0	188	298	.00	93	75	84	NA	NA	NA	.24
6/12	87	64	76	-2	204	324	.06	86	76	81	NA	NA	NA	.22
6/13	91	67	79	1	223	353	.00	95	76	86	NA	NA	NA	.23
6/14	92	67	80	1	243	383	.23	94	79	87	NA	NA	NA	.24
6/15	90	68	79	0	262	412	.66	94	76	85	NA	NA	NA	.22
6/16	77	67	72	-7	274	434	3.62	79	74	77	NA	NA	NA	.14
6/17	83	60	72	-7	286	456	.46	83	73	78	NA	NA	NA	.20
6/18	88	61	75	-4	301	481	.00	89	73	81	NA	NA	NA	.23
6/19	91	70	81	2	322	512	.03	92	78	85	NA	NA	NA	.22
6/20	87	68	78	-2	340	540	.00	91	78	85	NA	NA	NA	.20
6/21	86	66	76	-4	356	566	.00	89	78	84	NA	NA	NA	.20
6/22	88	66	77	-3	373	593	.00	90	78	84	NA	NA	NA	.22
6/23	88	65	77	-3	390	620	.23	87	76	82	NA	NA	NA	.22
6/24	90	66	78	-2	408	648	.03	92	76	84	NA	NA	NA	.23
6/25	91	65	78	-2	426	676	.00	94	78	86	NA	NA	NA	.24
6/26	94	67	81	1	447	707	.00	99	79	89	NA	NA	NA	.25
6/27	92	68	80	0	467	737	2.00	94	78	86	NA	NA	NA	.23
6/28	89	68	79	-1	486	766	.00	88	78	83	NA	NA	NA	.22
6/29	90	67	79	-1	505	795	.20	87	77	82	NA	NA	NA	.22
6/30	90	65	78	-2	523	823	.15	86	75	81	NA	NA	NA	.23

AIR TEMPERATURES (in degrees F):
Mean Maximum= 88.8 Mean Minimum= 65.6 Average= 77.2
DFN= -3.3 DFN= +.9 DFN= -1.2
Highest= 94 Lowest= 60

PRECIPITATION STATISTICS (inches):
Total= 11.31 DFN= +5.41 Greatest Daily= 3.62 Rain Days= 16

SOIL TEMPERATURES (in degrees F):
Highest= 99 Lowest= 72 Average= 83

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .22 (in)

Daily Weather Observations: Brewton Experiment Field, Brewton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
7/ 1	91	64	78	-2	18	28	.12	92	75	84	NA	NA	NA	.24
7/ 2	87	67	77	-3	35	55	.10	87	76	82	NA	NA	NA	.21
7/ 3	83	66	75	-5	50	80	.44	81	76	79	NA	NA	NA	.18
7/ 4	86	67	77	-4	67	107	.18	82	76	79	NA	NA	NA	.20
7/ 5	86	69	78	-3	85	135	.13	84	76	80	NA	NA	NA	.19
7/ 6	89	69	79	-2	104	164	.17	90	77	84	NA	NA	NA	.21
7/ 7	90	69	80	-1	124	194	.22	89	79	84	NA	NA	NA	.22
7/ 8	92	68	80	-1	144	224	.00	96	79	88	NA	NA	NA	.23
7/ 9	90	68	79	-2	163	253	.00	89	79	84	NA	NA	NA	.22
7/10	92	66	79	-2	182	282	.00	95	79	87	NA	NA	NA	.24
7/11	95	67	81	0	203	313	.00	101	80	91	NA	NA	NA	.26
7/12	95	68	82	1	225	345	.12	100	81	91	NA	NA	NA	.25
7/13	95	70	83	2	248	378	.00	100	81	91	NA	NA	NA	.25
7/14	94	69	82	1	270	410	.00	98	83	91	NA	NA	NA	.24
7/15	90	71	81	0	291	441	.09	103	82	93	NA	NA	NA	.21
7/16	91	70	81	0	312	472	.00	92	81	87	NA	NA	NA	.22
7/17	90	66	78	-3	330	500	.49	92	78	85	NA	NA	NA	.23
7/18	90	66	78	-3	348	528	.00	92	78	85	NA	NA	NA	.23
7/19	88	66	77	-4	365	555	.09	87	78	83	NA	NA	NA	.21
7/20	90	68	79	-2	384	584	.23	95	78	87	NA	NA	NA	.22
7/21	90	67	79	-2	403	613	.73	90	78	84	NA	NA	NA	.22
7/22	82	66	74	-7	417	637	.14	83	77	80	NA	NA	NA	.17
7/23	82	67	75	-6	432	662	.07	82	77	80	NA	NA	NA	.17
7/24	87	68	78	-3	450	690	1.34	87	77	82	NA	NA	NA	.20
7/25	91	66	79	-2	469	719	.11	89	76	83	NA	NA	NA	.23
7/26	92	69	81	0	490	750	.00	91	76	84	NA	NA	NA	.23
7/27	95	68	82	1	512	782	.05	94	80	87	NA	NA	NA	.25
7/28	94	68	81	0	533	813	.00	95	80	88	NA	NA	NA	.24
7/29	95	70	83	2	556	846	.00	101	82	92	NA	NA	NA	.24
7/30	96	68	82	1	578	878	.00	97	82	90	NA	NA	NA	.25
7/31	95	67	81	0	599	909	.00	98	82	90	NA	NA	NA	.25

AIR TEMPERATURES (in degrees F):
Mean Maximum= 90.4 Mean Minimum= 67.7 Average= 79.0
DFN= -2.6 DFN= -.4 DFN= -1.5
Highest= 96 Lowest= 64

PRECIPITATION STATISTICS (inches):
Total= 4.82 DFN= -2.12 Greatest Daily= 1.34 Rain Days= 18

SOIL TEMPERATURES (in degrees F):
Highest= 103 Lowest= 75 Average= 85

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .22 (in)

Daily Weather Observations: Brewton Experiment Field, Brewton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
8/ 1	92	69	81	0	21	31	.25	93	80	87	NA	NA	NA	.22
8/ 2	92	70	81	0	42	62	.00	91	80	86	NA	NA	NA	.22
8/ 3	94	68	81	0	63	93	.00	96	80	88	NA	NA	NA	.24
8/ 4	94	70	82	1	85	125	.00	96	82	89	NA	NA	NA	.23
8/ 5	95	67	81	0	106	156	.00	99	83	91	NA	NA	NA	.25
8/ 6	97	69	83	2	129	189	.00	99	89	94	NA	NA	NA	.25
8/ 7	97	67	82	1	151	221	.00	101	85	93	NA	NA	NA	.26
8/ 8	96	66	81	0	172	252	.11	100	86	93	NA	NA	NA	.26
8/ 9	78	55	67	-14	179	269	.07	84	75	80	NA	NA	NA	.18
8/10	86	56	71	-10	190	290	.00	92	74	83	NA	NA	NA	.22
8/11	85	59	72	-9	202	312	.00	92	77	85	NA	NA	NA	.21
8/12	89	59	74	-7	216	336	.00	94	78	86	NA	NA	NA	.23
8/13	89	59	74	-6	230	360	.00	92	79	86	NA	NA	NA	.23
8/14	89	61	75	-5	245	385	.00	94	80	87	NA	NA	NA	.23
8/15	89	62	76	-4	261	411	.00	93	80	87	NA	NA	NA	.22
8/16	92	64	78	-2	279	439	.00	95	80	88	NA	NA	NA	.23
8/17	91	63	77	-3	296	466	.14	93	78	86	NA	NA	NA	.23
8/18	92	64	78	-2	314	494	.00	95	78	87	NA	NA	NA	.23
8/19	94	64	79	-1	333	523	.00	97	81	89	NA	NA	NA	.25
8/20	94	66	80	0	353	553	.68	96	80	88	NA	NA	NA	.24
8/21	95	68	82	2	375	585	.00	92	80	86	NA	NA	NA	.24
8/22	92	69	81	1	396	616	.02	92	80	86	NA	NA	NA	.22
8/23	96	68	82	2	418	648	.00	97	80	89	NA	NA	NA	.24
8/24	97	67	82	2	440	680	.00	100	83	92	NA	NA	NA	.25
8/25	96	68	82	2	462	712	.00	99	83	92	NA	NA	NA	.24
8/26	99	68	84	4	486	746	.00	100	85	93	NA	NA	NA	.26
8/27	99	70	85	5	511	781	.00	100	85	93	NA	NA	NA	.25
8/28	98	69	84	4	535	815	.14	98	82	90	NA	NA	NA	.25
8/29	93	68	81	2	556	846	.19	92	80	86	NA	NA	NA	.22
8/30	91	68	80	1	576	876	.51	88	80	84	NA	NA	NA	.21
8/31	93	69	81	2	597	907	.07	91	80	86	NA	NA	NA	.22

AIR TEMPERATURES (in degrees F):
Mean Maximum= 92.7 Mean Minimum= 65.5 Average= 79.1
DFN= +.2 DFN= -1.9 DFN= -.9
Highest= 99 Lowest= 55

PRECIPITATION STATISTICS (inches):
Total= 2.14 DFN= -3.37 Greatest Daily= .68 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 101 Lowest= 74 Average= 88

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .23 (in)

Daily Weather Observations: Brewton Experiment Field, Brewton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
9/ 1	95	70	83	4	23	33	.00	93	80	87	NA	NA	NA	.23
9/ 2	95	69	82	3	45	65	.21	93	80	87	NA	NA	NA	.23
9/ 3	97	68	83	4	68	98	.21	94	80	87	NA	NA	NA	.24
9/ 4	94	69	82	3	90	130	.00	93	80	87	NA	NA	NA	.22
9/ 5	84	68	76	-2	106	156	.00	85	79	82	NA	NA	NA	.16
9/ 6	90	64	77	-1	123	183	.00	95	79	87	NA	NA	NA	.21
9/ 7	93	63	78	0	141	211	.00	96	80	88	NA	NA	NA	.23
9/ 8	93	65	79	1	160	240	.00	95	81	88	NA	NA	NA	.22
9/ 9	93	66	80	2	180	270	.00	95	83	89	NA	NA	NA	.22
9/10	96	65	81	3	201	301	.00	97	83	90	NA	NA	NA	.24
9/11	97	66	82	5	223	333	.00	97	83	90	NA	NA	NA	.24
9/12	96	66	81	4	244	364	.00	97	83	90	NA	NA	NA	.24
9/13	96	64	80	3	264	394	.00	97	83	90	NA	NA	NA	.24
9/14	96	62	79	2	283	423	.00	97	83	90	NA	NA	NA	.25
9/15	95	63	79	2	302	452	.00	94	83	89	NA	NA	NA	.24
9/16	92	62	77	1	319	479	.97	91	77	84	NA	NA	NA	.22
9/17	86	56	71	-5	330	500	.00	85	74	80	NA	NA	NA	.20
9/18	87	54	71	-5	341	521	.00	87	73	80	NA	NA	NA	.21
9/19	88	55	72	-4	353	543	.00	89	73	81	NA	NA	NA	.22
9/20	86	54	70	-5	363	563	.00	87	73	80	NA	NA	NA	.21
9/21	86	55	71	-4	374	584	.00	87	73	80	NA	NA	NA	.20
9/22	86	54	70	-5	384	604	.00	89	75	82	NA	NA	NA	.21
9/23	89	54	72	-2	396	626	.00	87	75	81	NA	NA	NA	.22
9/24	82	51	67	-7	403	643	.00	86	74	80	NA	NA	NA	.19
9/25	70	51	61	-12	404	654	.53	74	68	71	NA	NA	NA	.11
9/26	64	54	59	-14	404	663	.51	68	67	68	NA	NA	NA	.06
9/27	71	55	63	-10	407	676	.00	70	67	69	NA	NA	NA	.10
9/28	75	60	68	-4	415	694	.08	69	69	69	NA	NA	NA	.11
9/29	72	60	66	-6	421	710	1.66	70	69	70	NA	NA	NA	.09
9/30	74	60	67	-5	428	727	.22	71	69	70	NA	NA	NA	.10

AIR TEMPERATURES (in degrees F):
Mean Maximum= 87.3 Mean Minimum= 60.8 Average= 74.0
DFN= -1.0 DFN= -2.7 DFN= -1.9
Highest= 97 Lowest= 51

PRECIPITATION STATISTICS (inches):
Total= 4.39 DFN= -.63 Greatest Daily= 1.66 Rain Days= 8

SOIL TEMPERATURES (in degrees F):
Highest= 97 Lowest= 67 Average= 82

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .20 (in)

Daily Weather Observations: Brewton Experiment Field, Brewton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	76	67	72	1	12	22	3.10	74	71	73	NA	NA	NA	.09
10/ 2	81	55	68	-3	20	40	.00	79	70	75	NA	NA	NA	.16
10/ 3	85	54	70	0	30	60	.00	80	70	75	NA	NA	NA	.19
10/ 4	87	54	71	1	41	81	.00	81	69	75	NA	NA	NA	.20
10/ 5	86	49	68	-1	49	99	.00	82	69	76	NA	NA	NA	.21
10/ 6	88	50	69	0	58	118	.00	83	69	76	NA	NA	NA	.22
10/ 7	89	58	74	5	72	142	.00	85	73	79	NA	NA	NA	.20
10/ 8	88	59	74	6	86	166	.00	87	73	80	NA	NA	NA	.19
10/ 9	78	43	61	-7	87	177	.03	81	67	74	NA	NA	NA	.18
10/10	74	44	59	-8	87	186	.00	79	66	73	NA	NA	NA	.15
10/11	79	45	62	-5	89	198	.00	80	66	73	NA	NA	NA	.18
10/12	83	47	65	-1	94	213	.00	81	66	74	NA	NA	NA	.19
10/13	84	51	68	2	102	231	.00	79	69	74	NA	NA	NA	.19
10/14	76	55	66	0	108	247	.72	73	69	71	NA	NA	NA	.12
10/15	73	56	65	0	113	262	.00	72	69	71	NA	NA	NA	.10
10/16	84	60	72	7	125	284	.00	77	69	73	NA	NA	NA	.16
10/17	86	64	75	10	140	309	.12	77	72	75	NA	NA	NA	.15
10/18	77	62	70	6	150	329	.50	76	73	75	NA	NA	NA	.10
10/19	67	40	54	-10	150	333	.00	73	60	67	NA	NA	NA	.11
10/20	52	27	40	-24	150	333	.00	60	52	56	NA	NA	NA	.05
10/21	56	25	41	-22	150	333	.00	64	51	58	NA	NA	NA	.09
10/22	70	26	48	-15	150	333	.00	66	51	59	NA	NA	NA	.17
10/23	78	33	56	-7	150	339	.00	70	55	63	NA	NA	NA	.20
10/24	80	40	60	-2	150	349	.00	73	60	67	NA	NA	NA	.19
10/25	76	38	57	-5	150	356	.00	72	60	66	NA	NA	NA	.17
10/26	78	37	58	-4	150	364	.00	72	60	66	NA	NA	NA	.18
10/27	78	37	58	-3	150	372	.00	73	59	66	NA	NA	NA	.18
10/28	80	38	59	-2	150	381	.00	72	60	66	NA	NA	NA	.19
10/29	81	38	60	-1	150	391	.00	74	60	67	NA	NA	NA	.20
10/30	79	38	59	-1	150	400	.00	73	60	67	NA	NA	NA	.18
10/31	82	45	64	4	154	414	.00	77	61	69	NA	NA	NA	.18

AIR TEMPERATURES (in degrees F):
Mean Maximum= 78.4 Mean Minimum= 46.3 Average= 62.4
DFN= -1.5 DFN= -3.8 DFN= -2.6
Highest= 89 Lowest= 25

PRECIPITATION STATISTICS (inches):
Total= 4.47 DFN= +1.55 Greatest Daily= 3.10 Rain Days= 5

SOIL TEMPERATURES (in degrees F):
Highest= 87 Lowest= 51 Average= 70

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .16 (in)

Daily Weather Observations: Brewton Experiment Field, Brewton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	79	44	62	2	2	12	.00	76	63	70	NA	NA	NA	.16
11/ 2	74	46	60	1	2	22	.17	74	63	69	NA	NA	NA	.12
11/ 3	62	36	49	-10	2	22	.15	64	55	60	NA	NA	NA	.08
11/ 4	66	28	47	-12	2	22	.00	65	52	59	NA	NA	NA	.13
11/ 5	71	30	51	-8	2	23	.00	67	52	60	NA	NA	NA	.15
11/ 6	80	40	60	2	2	33	.00	69	55	62	NA	NA	NA	.18
11/ 7	84	56	70	12	12	53	.49	73	63	68	NA	NA	NA	.15
11/ 8	73	59	66	8	18	69	3.74	68	67	68	NA	NA	NA	.07
11/ 9	73	50	62	4	20	81	2.92	67	63	65	NA	NA	NA	.10
11/10	71	34	53	-4	20	84	.00	68	56	62	NA	NA	NA	.14
11/11	77	37	57	0	20	91	.00	67	56	62	NA	NA	NA	.16
11/12	81	38	60	3	20	101	.00	68	57	63	NA	NA	NA	.19
11/13	79	38	59	2	20	110	.00	69	57	63	NA	NA	NA	.17
11/14	81	43	62	6	22	122	.06	68	57	63	NA	NA	NA	.17
11/15	81	57	69	13	31	141	.44	72	64	68	NA	NA	NA	.12
11/16	82	36	59	3	31	150	.69	72	57	65	NA	NA	NA	.20
11/17	57	24	41	-14	31	150	.00	61	49	55	NA	NA	NA	.08
11/18	53	27	40	-15	31	150	.00	57	49	53	NA	NA	NA	.04
11/19	64	38	51	-4	31	151	.00	59	53	56	NA	NA	NA	.07
11/20	64	32	48	-7	31	151	.00	58	52	55	NA	NA	NA	.09
11/21	74	35	55	1	31	156	.00	65	52	59	NA	NA	NA	.15
11/22	76	46	61	7	32	167	.21	67	56	62	NA	NA	NA	.12
11/23	77	41	59	5	32	176	1.02	67	58	63	NA	NA	NA	.14
11/24	55	26	41	-13	32	176	.00	60	48	54	NA	NA	NA	.05
11/25	61	25	43	-11	32	176	.00	58	48	53	NA	NA	NA	.09
11/26	62	43	53	-1	32	179	.00	58	52	55	NA	NA	NA	.04
11/27	78	47	63	9	35	192	.00	65	57	61	NA	NA	NA	.13
11/28	77	48	63	10	38	205	.12	62	59	61	NA	NA	NA	.12
11/29	78	37	58	5	38	213	.50	69	54	62	NA	NA	NA	.16
11/30	57	25	41	-12	38	213	.00	59	47	53	NA	NA	NA	.07

AIR TEMPERATURES (in degrees F):
Mean Maximum= 71.6 Mean Minimum= 38.9 Average= 55.2
DFN= +1.5 DFN= -2.6 DFN= -.6
Highest= 84 Lowest= 24

PRECIPITATION STATISTICS (inches):
Total= 10.51 DFN= +6.46 Greatest Daily= 3.74 Rain Days= 12

SOIL TEMPERATURES (in degrees F):
Highest= 76 Lowest= 47 Average= 61

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .12 (in)

Daily Weather Observations: Brewton Experiment Field, Brewton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	59	27	43	-10	0	0	.00	56	46	51	NA	NA	NA	.07
12/ 2	62	36	49	-4	0	0	.00	57	52	55	NA	NA	NA	.06
12/ 3	60	35	48	-5	0	0	.00	56	50	53	NA	NA	NA	.05
12/ 4	51	17	34	-19	0	0	.00	55	43	49	NA	NA	NA	.05
12/ 5	54	19	37	-16	0	0	.00	52	43	48	NA	NA	NA	.06
12/ 6	68	24	46	-6	0	0	.00	57	44	51	NA	NA	NA	.14
12/ 7	73	45	59	7	0	9	.03	60	51	56	NA	NA	NA	.10
12/ 8	70	56	63	11	3	22	1.43	62	59	61	NA	NA	NA	.05
12/ 9	62	33	48	-4	3	22	.22	63	51	57	NA	NA	NA	.07
12/10	40	30	35	-17	3	22	.00	51	48	50	NA	NA	NA	.00
12/11	60	31	46	-6	3	22	.00	56	48	52	NA	NA	NA	.06
12/12	71	43	57	6	3	29	.00	59	51	55	NA	NA	NA	.09
12/13	52	22	37	-14	3	29	.92	57	43	50	NA	NA	NA	.04
12/14	47	19	33	-18	3	29	.00	50	41	46	NA	NA	NA	.02
12/15	59	19	39	-12	3	29	.08	62	41	52	NA	NA	NA	.09
12/16	63	19	41	-10	3	29	.28	53	42	48	NA	NA	NA	.12
12/17	41	19	30	-21	3	29	.00	45	40	43	NA	NA	NA	.00
12/18	43	21	32	-19	3	29	.38	44	39	42	NA	NA	NA	.00
12/19	44	33	39	-12	3	29	.10	45	44	45	NA	NA	NA	.00
12/20	47	35	41	-9	3	29	.20	47	44	46	NA	NA	NA	.00
12/21	51	27	39	-11	3	29	.00	49	44	47	NA	NA	NA	.02
12/22	54	15	35	-15	3	29	.00	52	40	46	NA	NA	NA	.07
12/23	18	5	12	-38	3	29	.00	41	36	39	NA	NA	NA	.00
12/24	22	4	13	-37	3	29	.00	35	35	35	NA	NA	NA	.00
12/25	34	4	19	-31	3	29	.00	35	35	35	NA	NA	NA	.00
12/26	45	14	30	-20	3	29	.00	40	35	38	NA	NA	NA	.02
12/27	61	20	41	-9	3	29	.00	48	37	43	NA	NA	NA	.10
12/28	69	23	46	-4	3	29	.00	51	39	45	NA	NA	NA	.14
12/29	70	30	50	0	3	29	.00	54	44	49	NA	NA	NA	.13
12/30	71	46	59	9	3	38	.00	56	49	53	NA	NA	NA	.08
12/31	72	51	62	12	5	50	3.74	64	54	59	NA	NA	NA	.07

AIR TEMPERATURES (in degrees F):
Mean Maximum= 54.6 Mean Minimum= 26.5 Average= 40.6
DFN= -9.4 DFN= -11.3 DFN= -10.3
Highest= 73 Lowest= 4

PRECIPITATION STATISTICS (inches):
Total= 7.38 DFN= +1.78 Greatest Daily= 3.74 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 64 Lowest= 35 Average= 48

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .06 (in)

Daily Weather Observations: Lower Coastal Plain Substation, Camden

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
1/ 1	67	51	59	13	0	9	2.00	59	55	57	NA	NA	NA	.04
1/ 2	55	37	46	0	0	9	Trace	59	51	55	NA	NA	NA	.01
1/ 3	62	37	50	4	0	9	.00	56	51	54	NA	NA	NA	.05
1/ 4	77	37	57	11	0	16	.00	63	51	57	NA	NA	NA	.15
1/ 5	55	33	44	-2	0	16	.00	56	48	52	NA	NA	NA	.02
1/ 6	63	39	51	5	0	17	Trace	55	48	52	NA	NA	NA	.05
1/ 7	77	63	70	24	10	37	.00	62	49	56	NA	NA	NA	.07
1/ 8	78	54	66	20	16	53	Trace	64	58	61	NA	NA	NA	.10
1/ 9	60	44	52	6	16	55	.00	62	55	59	NA	NA	NA	.02
1/10	49	39	44	-2	16	55	.11	55	53	54	NA	NA	NA	.00
1/11	53	47	50	4	16	55	.02	55	53	54	NA	NA	NA	.00
1/12	64	52	58	13	16	63	.01	60	55	58	NA	NA	NA	.02
1/13	71	49	60	15	16	73	.24	63	57	60	NA	NA	NA	.08
1/14	56	45	51	6	16	74	.03	60	56	58	NA	NA	NA	.00
1/15	68	43	56	11	16	80	.75	62	56	59	NA	NA	NA	.08
1/16	49	40	45	-1	16	80	.00	60	53	57	NA	NA	NA	.00
1/17	52	28	40	-6	16	80	.00	56	48	52	NA	NA	NA	.02
1/18	57	29	43	-3	16	80	.00	55	48	52	NA	NA	NA	.05
1/19	62	38	50	4	16	80	.00	55	48	52	NA	NA	NA	.06
1/20	51	43	47	1	16	80	.30	53	50	52	NA	NA	NA	.00
1/21	56	33	45	-1	16	80	.01	56	47	52	NA	NA	NA	.04
1/22	52	32	42	-4	16	80	.00	53	46	50	NA	NA	NA	.01
1/23	59	32	46	0	16	80	.00	54	46	50	NA	NA	NA	.06
1/24	64	33	49	3	16	80	.00	55	46	51	NA	NA	NA	.09
1/25	68	38	53	7	16	83	.00	55	47	51	NA	NA	NA	.10
1/26	75	38	57	11	16	90	.00	58	48	53	NA	NA	NA	.14
1/27	75	46	61	15	17	101	.12	60	50	55	NA	NA	NA	.12
1/28	59	35	47	0	17	101	.00	61	49	55	NA	NA	NA	.05
1/29	68	35	52	5	17	103	.00	59	49	54	NA	NA	NA	.11
1/30	71	43	57	10	17	110	.00	59	50	55	NA	NA	NA	.10
1/31	67	36	52	5	17	112	.50	62	51	57	NA	NA	NA	.10

AIR TEMPERATURES (in degrees F):
Mean Maximum= 62.6 Mean Minimum= 40.3 Average= 51.4
DFN= +5.6 DFN= +6.0 DFN= +5.8
Highest= 78 Lowest= 28

PRECIPITATION STATISTICS (inches):
Total= 4.09 DFN= -.83 Greatest Daily= 2.00 Rain Days= 11

SOIL TEMPERATURES (in degrees F):
Highest= 64 Lowest= 46 Average= 54

AVERAGE DAILY VAlabamaUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .06 (in)

Daily Weather Observations: Lower Coastal Plain Substation, Camden

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
2/ 1	70	39	55	8	0	5	.00	61	51	56	NA	NA	NA	.11
2/ 2	78	62	70	23	10	25	.00	65	57	61	NA	NA	NA	.09
2/ 3	78	63	71	24	21	46	.00	67	60	64	NA	NA	NA	.09
2/ 4	58	42	50	3	21	46	.03	67	55	61	NA	NA	NA	.03
2/ 5	52	40	46	-1	21	46	.21	70	54	62	NA	NA	NA	.00
2/ 6	46	39	43	-4	21	46	.06	73	52	63	NA	NA	NA	.00
2/ 7	43	31	37	-11	21	46	.12	52	48	50	NA	NA	NA	.00
2/ 8	34	30	32	-16	21	46	Trace	49	46	48	NA	NA	NA	.00
2/ 9	48	29	39	-9	21	46	.00	54	44	49	NA	NA	NA	.01
2/10	42	26	34	-14	21	46	.00	51	42	47	NA	NA	NA	.00
2/11	49	27	38	-10	21	46	.00	48	42	45	NA	NA	NA	.02
2/12	61	27	44	-4	21	46	.00	53	42	48	NA	NA	NA	.10
2/13	68	40	54	5	21	50	.00	56	46	51	NA	NA	NA	.11
2/14	69	51	60	11	21	60	.00	57	49	53	NA	NA	NA	.08
2/15	80	61	71	22	32	81	.00	63	54	59	NA	NA	NA	.12
2/16	82	59	71	22	43	102	.00	68	59	64	NA	NA	NA	.14
2/17	72	48	60	10	43	112	.00	66	57	62	NA	NA	NA	.11
2/18	69	41	55	5	43	117	.07	64	55	60	NA	NA	NA	.11
2/19	45	40	43	-7	43	117	.50	63	52	58	NA	NA	NA	.00
2/20	50	40	45	-5	43	117	.02	53	52	53	NA	NA	NA	.00
2/21	75	49	62	11	45	129	.42	63	53	58	NA	NA	NA	.13
2/22	64	41	53	2	45	132	.00	62	53	58	NA	NA	NA	.08
2/23	43	24	34	-17	45	132	.00	53	44	49	NA	NA	NA	.01
2/24	33	19	26	-25	45	132	.00	48	40	44	NA	NA	NA	.00
2/25	44	19	32	-20	45	132	.00	50	40	45	NA	NA	NA	.03
2/26	55	24	40	-12	45	132	.00	52	44	48	NA	NA	NA	.08
2/27	65	47	56	4	45	138	.00	54	44	49	NA	NA	NA	.08
2/28	73	47	60	8	45	148	.66	59	52	56	NA	NA	NA	.13

AIR TEMPERATURES (in degrees F):
Mean Maximum= 58.8 Mean Minimum= 39.5 Average= 49.1
DFN= -2.3 DFN= +2.7 DFN= +.2
Highest= 82 Lowest= 19

PRECIPITATION STATISTICS (inches):
Total= 2.09 DFN= -2.87 Greatest Daily= .66 Rain Days= 9

SOIL TEMPERATURES (in degrees F):
Highest= 73 Lowest= 40 Average= 54

AVERAGE DAILY VAlabamaUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .06 (in)

Daily Weather Observations: Lower Coastal Plain Substation, Camden

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
3/ 1	53	43	48	-5	0	0	.00	57	52	55	NA	NA	NA	.01
3/ 2	54	46	50	-3	0	0	.21	55	52	54	NA	NA	NA	.01
3/ 3	52	47	50	-3	0	0	1.78	53	52	53	NA	NA	NA	.00
3/ 4	59	48	54	1	0	4	.01	57	53	55	NA	NA	NA	.04
3/ 5	72	56	64	10	4	18	.56	62	54	58	NA	NA	NA	.10
3/ 6	80	37	59	5	4	27	.50	68	53	61	NA	NA	NA	.21
3/ 7	39	32	36	-18	4	27	Trace	53	48	51	NA	NA	NA	.00
3/ 8	39	32	36	-18	4	27	.00	49	47	48	NA	NA	NA	.00
3/ 9	55	36	46	-9	4	27	.00	58	47	53	NA	NA	NA	.06
3/10	65	38	52	-3	4	29	.00	61	48	55	NA	NA	NA	.11
3/11	73	38	56	1	4	35	.00	68	49	59	NA	NA	NA	.16
3/12	80	46	63	7	7	48	.00	65	49	57	NA	NA	NA	.18
3/13	84	52	68	12	15	66	.00	56	53	55	NA	NA	NA	.19
3/14	81	54	68	12	23	84	.00	67	55	61	NA	NA	NA	.17
3/15	83	63	73	17	36	107	.00	71	59	65	NA	NA	NA	.15
3/16	83	53	68	11	44	125	Trace	69	60	65	NA	NA	NA	.18
3/17	78	55	67	10	51	142	.00	70	60	65	NA	NA	NA	.15
3/18	84	53	69	12	60	161	.00	76	61	69	NA	NA	NA	.19
3/19	84	50	67	10	67	178	.00	74	60	67	NA	NA	NA	.20
3/20	76	50	63	5	70	191	.00	72	60	66	NA	NA	NA	.15
3/21	82	58	70	12	80	211	.92	71	61	66	NA	NA	NA	.17
3/22	66	44	55	-3	80	216	.94	66	57	62	NA	NA	NA	.11
3/23	52	45	49	-10	80	216	.67	58	56	57	NA	NA	NA	.02
3/24	50	46	48	-11	80	216	.00	57	56	57	NA	NA	NA	.00
3/25	52	47	50	-9	80	216	Trace	57	56	57	NA	NA	NA	.01
3/26	59	45	52	-8	80	218	Trace	60	55	58	NA	NA	NA	.07
3/27	78	48	63	3	83	231	.00	68	54	61	NA	NA	NA	.18
3/28	85	56	71	11	94	252	.00	74	58	66	NA	NA	NA	.20
3/29	86	59	73	13	107	275	.00	74	61	68	NA	NA	NA	.19
3/30	82	59	71	10	118	296	1.80	73	63	68	NA	NA	NA	.17
3/31	80	58	69	8	127	315	.00	73	63	68	NA	NA	NA	.16

AIR TEMPERATURES (in degrees F):
Mean Maximum= 69.2 Mean Minimum= 48.2 Average= 58.7
DFN= +.3 DFN= +4.5 DFN= +2.4
Highest= 86 Lowest= 32

PRECIPITATION STATISTICS (inches):
Total= 7.39 DFN= +.14 Greatest Daily= 1.80 Rain Days= 9

SOIL TEMPERATURES (in degrees F):
Highest= 76 Lowest= 47 Average= 60

AVERAGE DAILY VAlabamaUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .11 (in)

Daily Weather Observations: Lower Coastal Plain Substation, Camden

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
4/ 1	64	37	51	-10	0	1	.00	66	55	61	NA	NA	NA	.13
4/ 2	65	40	53	-9	0	4	.00	70	55	63	NA	NA	NA	.13
4/ 3	78	41	60	-2	0	14	.00	72	55	64	NA	NA	NA	.20
4/ 4	80	60	70	8	10	34	.05	70	61	66	NA	NA	NA	.16
4/ 5	86	57	72	9	22	56	2.22	77	64	71	NA	NA	NA	.21
4/ 6	68	41	55	-8	22	61	.01	72	57	65	NA	NA	NA	.14
4/ 7	71	41	56	-7	22	67	.00	71	57	64	NA	NA	NA	.16
4/ 8	66	47	57	-6	22	74	.00	72	58	65	NA	NA	NA	.11
4/ 9	74	48	61	-3	23	85	.97	69	61	65	NA	NA	NA	.16
4/10	49	43	46	-18	23	85	1.00	68	55	62	NA	NA	NA	.02
4/11	47	33	40	-24	23	85	.14	56	50	53	NA	NA	NA	.04
4/12	59	34	47	-18	23	85	.00	68	50	59	NA	NA	NA	.11
4/13	68	36	52	-13	23	87	.00	70	51	61	NA	NA	NA	.16
4/14	73	44	59	-6	23	96	.00	70	55	63	NA	NA	NA	.17
4/15	72	48	60	-5	23	106	.01	67	57	62	NA	NA	NA	.15
4/16	72	49	61	-5	24	117	.01	70	60	65	NA	NA	NA	.15
4/17	76	47	62	-4	26	129	.00	77	60	69	NA	NA	NA	.18
4/18	84	49	67	1	33	146	.00	79	50	65	NA	NA	NA	.23
4/19	83	53	68	1	41	164	.00	79	63	71	NA	NA	NA	.21
4/20	85	55	70	3	51	184	Trace	81	65	73	NA	NA	NA	.22
4/21	80	55	68	1	59	202	.00	82	65	74	NA	NA	NA	.18
4/22	76	52	64	-3	63	216	.00	77	65	71	NA	NA	NA	.17
4/23	84	53	69	1	72	235	.00	83	65	74	NA	NA	NA	.22
4/24	85	59	72	4	84	257	.00	83	60	72	NA	NA	NA	.20
4/25	85	61	73	5	97	280	.00	84	67	76	NA	NA	NA	.20
4/26	87	61	74	6	111	304	.00	84	58	71	NA	NA	NA	.21
4/27	88	62	75	7	126	329	.00	85	69	77	NA	NA	NA	.22
4/28	89	63	76	8	142	355	.00	87	70	79	NA	NA	NA	.22
4/29	88	63	76	7	158	381	.11	86	71	79	NA	NA	NA	.21
4/30	79	61	70	1	168	401	.76	79	70	75	NA	NA	NA	.16

AIR TEMPERATURES (in degrees F):
Mean Maximum= 75.4 Mean Minimum= 49.8 Average= 62.6
DFN= -2.3 DFN= -2.7 DFN= -2.5
Highest= 89 Lowest= 33

PRECIPITATION STATISTICS (inches):
Total= 5.28 DFN= +.08 Greatest Daily= 2.22 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 87 Lowest= 50 Average= 68

AVERAGE DAILY VAlabamaUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .17 (in)

Daily Weather Observations: Lower Coastal Plain Substation, Camden

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
5/ 1	82	63	73	4	13	23	.75	82	69	76	NA	NA	NA	.18
5/ 2	75	53	64	-5	17	37	.14	77	66	72	NA	NA	NA	.16
5/ 3	71	51	61	-8	18	48	.00	75	65	70	NA	NA	NA	.15
5/ 4	74	53	64	-5	22	62	.00	77	65	71	NA	NA	NA	.16
5/ 5	78	59	69	-1	31	81	.13	73	66	70	NA	NA	NA	.17
5/ 6	80	59	70	0	41	101	Trace	75	66	71	NA	NA	NA	.18
5/ 7	77	45	61	-9	42	112	.00	80	64	72	NA	NA	NA	.20
5/ 8	73	46	60	-10	42	122	.00	81	64	73	NA	NA	NA	.18
5/ 9	81	41	61	-9	43	133	.00	83	64	74	NA	NA	NA	.24
5/10	80	63	72	1	55	155	.04	75	65	70	NA	NA	NA	.17
5/11	71	47	59	-12	55	164	.00	76	65	71	NA	NA	NA	.16
5/12	74	43	59	-12	55	173	.00	82	65	74	NA	NA	NA	.19
5/13	76	46	61	-10	56	184	.00	83	65	74	NA	NA	NA	.20
5/14	79	57	68	-4	64	202	Trace	76	67	72	NA	NA	NA	.18
5/15	77	57	67	-5	71	219	Trace	74	67	71	NA	NA	NA	.17
5/16	81	59	70	-2	81	239	.00	80	67	74	NA	NA	NA	.19
5/17	81	60	71	-1	92	260	.00	81	68	75	NA	NA	NA	.19
5/18	88	63	76	4	108	286	.00	85	69	77	NA	NA	NA	.22
5/19	87	64	76	3	124	312	.26	84	72	78	NA	NA	NA	.21
5/20	85	65	75	2	139	337	.30	85	72	79	NA	NA	NA	.20
5/21	89	64	77	4	156	364	.32	87	72	80	NA	NA	NA	.22
5/22	86	64	75	2	171	389	.00	87	72	80	NA	NA	NA	.21
5/23	88	67	78	4	189	417	.21	86	73	80	NA	NA	NA	.21
5/24	79	65	72	-2	201	439	.10	77	72	75	NA	NA	NA	.16
5/25	87	67	77	3	218	466	.00	86	73	80	NA	NA	NA	.20
5/26	91	74	83	9	241	499	.00	88	75	82	NA	NA	NA	.21
5/27	91	73	82	7	263	531	.00	87	76	82	NA	NA	NA	.21
5/28	91	67	79	4	282	560	.00	89	76	83	NA	NA	NA	.23
5/29	89	61	75	0	297	585	.00	92	75	84	NA	NA	NA	.24
5/30	91	64	78	3	315	613	.00	91	75	83	NA	NA	NA	.24
5/31	91	68	80	4	335	643	.00	90	71	81	NA	NA	NA	.23

AIR TEMPERATURES (in degrees F):
Mean Maximum= 82.0 Mean Minimum= 59.0 Average= 70.5
DFN= -1.7 DFN= -1.0 DFN= -1.4
Highest= 91 Lowest= 41

PRECIPITATION STATISTICS (inches):
Total= 2.25 DFN= -2.23 Greatest Daily= .75 Rain Days= 9

SOIL TEMPERATURES (in degrees F):
Highest= 92 Lowest= 64 Average= 76

AVERAGE DAILY VAlabamaUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .19 (in)

Daily Weather Observations: Lower Coastal Plain Substation, Camden

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
6/ 1	93	69	81	5	21	31	.00	92	73	83	NA	NA	NA	.24
6/ 2	93	68	81	5	42	62	.00	94	79	87	NA	NA	NA	.24
6/ 3	93	68	81	5	63	93	.03	89	69	79	NA	NA	NA	.24
6/ 4	91	70	81	4	84	124	.03	91	78	85	NA	NA	NA	.22
6/ 5	89	59	74	-3	98	148	.07	88	78	83	NA	NA	NA	.24
6/ 6	86	66	76	-1	114	174	.47	83	74	79	NA	NA	NA	.20
6/ 7	85	63	74	-3	128	198	.00	86	74	80	NA	NA	NA	.21
6/ 8	88	64	76	-1	144	224	.36	87	74	81	NA	NA	NA	.22
6/ 9	75	66	71	-7	155	245	.59	77	73	75	NA	NA	NA	.13
6/10	83	63	73	-5	168	268	.00	85	74	80	NA	NA	NA	.19
6/11	88	66	77	-1	185	295	.00	86	76	81	NA	NA	NA	.22
6/12	90	68	79	1	204	324	.15	86	75	81	NA	NA	NA	.22
6/13	91	72	82	4	226	356	.00	88	75	82	NA	NA	NA	.22
6/14	90	71	81	2	247	387	.00	88	77	83	NA	NA	NA	.21
6/15	90	69	80	1	267	417	1.18	88	77	83	NA	NA	NA	.22
6/16	74	67	71	-8	278	438	1.82	78	75	77	NA	NA	NA	.12
6/17	81	62	72	-7	290	460	Trace	81	74	78	NA	NA	NA	.18
6/18	87	62	75	-4	305	485	.00	84	73	79	NA	NA	NA	.22
6/19	91	70	81	2	326	516	.83	85	76	81	NA	NA	NA	.22
6/20	81	68	75	-4	341	541	2.05	80	76	78	NA	NA	NA	.17
6/21	86	69	78	-2	359	569	.01	84	76	80	NA	NA	NA	.19
6/22	90	71	81	1	380	600	.00	87	77	82	NA	NA	NA	.21
6/23	89	67	78	-2	398	628	.00	87	78	83	NA	NA	NA	.22
6/24	87	69	78	-2	416	656	.00	85	78	82	NA	NA	NA	.20
6/25	90	70	80	0	436	686	.00	87	78	83	NA	NA	NA	.22
6/26	91	70	81	1	457	717	.04	88	78	83	NA	NA	NA	.22
6/27	91	69	80	0	477	747	.39	86	78	82	NA	NA	NA	.23
6/28	91	70	81	1	498	778	.55	87	78	83	NA	NA	NA	.22
6/29	91	68	80	0	518	808	.53	87	78	83	NA	NA	NA	.23
6/30	89	67	78	-2	536	836	.65	88	77	83	NA	NA	NA	.22

AIR TEMPERATURES (in degrees F):
Mean Maximum= 87.8 Mean Minimum= 67.4 Average= 77.6
DFN= -1.9 DFN= +.8 DFN= -.6
Highest= 93 Lowest= 59

PRECIPITATION STATISTICS (inches):
Total= 9.75 DFN= +5.63 Greatest Daily= 2.05 Rain Days= 17

SOIL TEMPERATURES (in degrees F):
Highest= 94 Lowest= 69 Average= 81

AVERAGE DAILY VAlabamaUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .21 (in)

Daily Weather Observations: Lower Coastal Plain Substation, Camden

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
7/ 1	89	68	79	-1	19	29	Trace	90	78	84	NA	NA	NA	.22
7/ 2	88	69	79	-1	38	58	.48	90	80	85	NA	NA	NA	.21
7/ 3	85	68	77	-3	55	85	1.00	89	78	84	NA	NA	NA	.19
7/ 4	86	70	78	-2	73	113	Trace	89	78	84	NA	NA	NA	.19
7/ 5	86	71	79	-1	92	142	.10	92	78	85	NA	NA	NA	.19
7/ 6	88	73	81	1	113	173	.00	86	79	83	NA	NA	NA	.19
7/ 7	90	73	82	2	135	205	.00	87	79	83	NA	NA	NA	.21
7/ 8	91	70	81	1	156	236	.73	86	79	83	NA	NA	NA	.22
7/ 9	91	70	81	1	177	267	.00	88	79	84	NA	NA	NA	.22
7/10	88	70	79	-1	196	296	.12	85	79	82	NA	NA	NA	.20
7/11	91	71	81	1	217	327	Trace	88	79	84	NA	NA	NA	.22
7/12	91	70	81	1	238	358	.24	86	80	83	NA	NA	NA	.22
7/13	93	72	83	2	261	391	.00	89	80	85	NA	NA	NA	.23
7/14	90	71	81	0	282	422	.40	86	80	83	NA	NA	NA	.21
7/15	85	72	79	-2	301	451	.10	88	80	84	NA	NA	NA	.18
7/16	90	71	81	0	322	482	.81	86	78	82	NA	NA	NA	.21
7/17	89	70	80	-1	342	512	.55	84	78	81	NA	NA	NA	.21
7/18	87	69	78	-3	360	540	.00	87	79	83	NA	NA	NA	.20
7/19	86	69	78	-3	378	568	.16	82	79	81	NA	NA	NA	.19
7/20	90	72	81	0	399	599	.07	85	79	82	NA	NA	NA	.21
7/21	86	69	78	-3	417	627	.00	85	79	82	NA	NA	NA	.19
7/22	84	69	77	-4	434	654	Trace	84	79	82	NA	NA	NA	.18
7/23	83	68	76	-5	450	680	.00	84	79	82	NA	NA	NA	.17
7/24	85	70	78	-3	468	708	.09	87	76	82	NA	NA	NA	.18
7/25	88	68	78	-3	486	736	.31	87	79	83	NA	NA	NA	.20
7/26	90	69	80	-1	506	766	.00	90	78	84	NA	NA	NA	.21
7/27	93	71	82	1	528	798	Trace	90	80	85	NA	NA	NA	.23
7/28	93	71	82	1	550	830	.00	90	81	86	NA	NA	NA	.23
7/29	93	73	83	2	573	863	.00	91	81	86	NA	NA	NA	.22
7/30	93	74	84	3	597	897	.00	90	82	86	NA	NA	NA	.22
7/31	93	69	81	0	618	928	1.00	89	80	85	NA	NA	NA	.23

AIR TEMPERATURES (in degrees F):
Mean Maximum= 88.9 Mean Minimum= 70.3 Average= 79.6
DFN= -2.7 DFN= +.8 DFN= -1.0
Highest= 93 Lowest= 68

PRECIPITATION STATISTICS (inches):
Total= 6.16 DFN= +.33 Greatest Daily= 1.00 Rain Days= 15

SOIL TEMPERATURES (in degrees F):
Highest= 92 Lowest= 76 Average= 83

AVERAGE DAILY VAlabamaUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .20 (in)

Daily Weather Observations: Lower Coastal Plain Substation, Camden

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
8/ 1	92	70	81	0	21	31	.05	90	80	85	NA	NA	NA	.22
8/ 2	88	71	80	-1	41	61	.00	85	80	83	NA	NA	NA	.19
8/ 3	91	72	82	1	63	93	.00	88	80	84	NA	NA	NA	.21
8/ 4	93	73	83	2	86	126	.00	90	81	86	NA	NA	NA	.22
8/ 5	94	72	83	2	109	159	.00	90	81	86	NA	NA	NA	.23
8/ 6	95	72	84	3	133	193	.00	90	81	86	NA	NA	NA	.23
8/ 7	94	70	82	1	155	225	.00	92	82	87	NA	NA	NA	.23
8/ 8	89	65	77	-4	172	252	Trace	89	81	85	NA	NA	NA	.22
8/ 9	81	60	71	-10	183	273	.00	89	78	84	NA	NA	NA	.18
8/10	85	62	74	-7	197	297	.00	88	78	83	NA	NA	NA	.20
8/11	85	64	75	-5	212	322	.00	87	78	83	NA	NA	NA	.19
8/12	85	65	75	-5	227	347	.00	89	79	84	NA	NA	NA	.19
8/13	87	66	77	-3	244	374	.00	89	78	84	NA	NA	NA	.20
8/14	88	65	77	-3	261	401	.00	88	78	83	NA	NA	NA	.21
8/15	86	65	76	-4	277	427	.27	86	77	82	NA	NA	NA	.19
8/16	88	67	78	-2	295	455	.00	88	77	83	NA	NA	NA	.20
8/17	90	66	78	-2	313	483	.74	86	78	82	NA	NA	NA	.21
8/18	88	67	78	-2	331	511	.02	87	77	82	NA	NA	NA	.20
8/19	88	68	78	-2	349	539	.00	85	78	82	NA	NA	NA	.19
8/20	90	68	79	-1	368	568	.00	86	78	82	NA	NA	NA	.21
8/21	91	70	81	1	389	599	.00	87	79	83	NA	NA	NA	.21
8/22	93	71	82	2	411	631	.00	88	79	84	NA	NA	NA	.22
8/23	95	72	84	4	435	665	.00	89	80	85	NA	NA	NA	.22
8/24	96	73	85	5	460	700	.00	91	81	86	NA	NA	NA	.23
8/25	95	73	84	5	484	734	.00	82	NA	86	NA	NA	NA	.22
8/26	97	72	85	6	509	769	.00	90	86	88	NA	NA	NA	.24
8/27	98	72	85	6	534	804	.00	90	82	86	NA	NA	NA	.24
8/28	96	73	85	6	559	839	.00	91	82	87	NA	NA	NA	.22
8/29	94	72	83	4	582	872	.04	88	82	85	NA	NA	NA	.21
8/30	88	72	80	1	602	902	.88	84	81	83	NA	NA	NA	.18
8/31	94	73	84	5	626	936	Trace	89	81	85	NA	NA	NA	.21

AIR TEMPERATURES (in degrees F):
Mean Maximum= 90.8 Mean Minimum= 69.1 Average= 79.9
DFN= -.3 DFN= +.3 DFN= +.0
Highest= 98 Lowest= 60

PRECIPITATION STATISTICS (inches):
Total= 2.00 DFN= -2.36 Greatest Daily= .88 Rain Days= 6

SOIL TEMPERATURES (in degrees F):
Highest= 92 Lowest= 77 Average= 84

AVERAGE DAILY VAlabamaUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .21 (in)

Daily Weather Observations: Lower Coastal Plain Substation, Camden

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
9/ 1	94	73	84	5	24	34	.00	94	81	88	NA	NA	NA	.21
9/ 2	94	73	84	5	48	68	.38	89	81	85	NA	NA	NA	.21
9/ 3	96	71	84	6	72	102	Trace	91	81	86	NA	NA	NA	.23
9/ 4	92	71	82	4	94	134	.00	91	79	85	NA	NA	NA	.20
9/ 5	84	68	76	-2	110	160	.00	94	79	87	NA	NA	NA	.16
9/ 6	90	65	78	0	128	188	.00	87	79	83	NA	NA	NA	.21
9/ 7	88	67	78	0	146	216	.00	87	79	83	NA	NA	NA	.19
9/ 8	90	69	80	2	166	246	.00	86	79	83	NA	NA	NA	.19
9/ 9	93	70	82	4	188	278	.00	88	79	84	NA	NA	NA	.21
9/10	93	71	82	5	210	310	.00	86	80	83	NA	NA	NA	.20
9/11	95	68	82	5	232	342	2.08	87	79	83	NA	NA	NA	.22
9/12	91	69	80	3	252	372	.00	87	78	83	NA	NA	NA	.20
9/13	91	69	80	3	272	402	Trace	86	79	83	NA	NA	NA	.20
9/14	91	68	80	4	292	432	.00	86	79	83	NA	NA	NA	.20
9/15	92	69	81	5	313	463	.00	85	79	82	NA	NA	NA	.20
9/16	80	61	71	-5	324	484	.00	80	77	79	NA	NA	NA	.15
9/17	81	60	71	-5	335	505	.00	82	75	79	NA	NA	NA	.16
9/18	85	59	72	-4	347	527	.00	82	75	79	NA	NA	NA	.19
9/19	86	58	72	-3	359	549	.00	81	74	78	NA	NA	NA	.19
9/20	86	59	73	-2	372	572	.00	81	74	78	NA	NA	NA	.19
9/21	85	61	73	-2	385	595	.00	80	75	78	NA	NA	NA	.18
9/22	88	63	76	1	401	621	.00	81	74	78	NA	NA	NA	.19
9/23	86	60	73	-1	414	644	.00	80	75	78	NA	NA	NA	.18
9/24	79	49	64	-10	418	658	.00	80	73	77	NA	NA	NA	.17
9/25	66	49	58	-15	418	666	.31	76	71	74	NA	NA	NA	.09
9/26	61	55	58	-15	418	674	.78	71	70	71	NA	NA	NA	.04
9/27	70	58	64	-8	422	688	.00	71	69	70	NA	NA	NA	.09
9/28	73	60	67	-5	429	705	.03	74	71	73	NA	NA	NA	.10
9/29	66	59	63	-9	432	718	.02	72	71	72	NA	NA	NA	.06
9/30	72	61	67	-4	439	735	.14	71	71	71	NA	NA	NA	.09

AIR TEMPERATURES (in degrees F):
Mean Maximum= 84.6 Mean Minimum= 63.8 Average= 74.2
DFN= -2.3 DFN= -.5 DFN= -1.4
Highest= 96 Lowest= 49

PRECIPITATION STATISTICS (inches):
Total= 3.74 DFN= -.39 Greatest Daily= 2.08 Rain Days= 7

SOIL TEMPERATURES (in degrees F):
Highest= 94 Lowest= 69 Average= 80

AVERAGE DAILY VAlabamaUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .17 (in)

Daily Weather Observations: Lower Coastal Plain Substation, Camden

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	79	67	73	2	13	23	.69	77	71	74	NA	NA	NA	.11
10/ 2	74	59	67	-4	20	40	.00	75	71	73	NA	NA	NA	.10
10/ 3	84	59	72	2	32	62	.01	76	71	74	NA	NA	NA	.17
10/ 4	87	57	72	2	44	84	.00	78	71	75	NA	NA	NA	.19
10/ 5	81	54	68	-1	52	102	.00	76	70	73	NA	NA	NA	.16
10/ 6	84	55	70	1	62	122	.00	76	69	73	NA	NA	NA	.18
10/ 7	88	59	74	6	76	146	Trace	76	69	73	NA	NA	NA	.19
10/ 8	85	58	72	4	88	168	.00	76	71	74	NA	NA	NA	.17
10/ 9	76	46	61	-7	89	179	.00	74	67	71	NA	NA	NA	.15
10/10	71	46	59	-8	89	188	.00	71	66	69	NA	NA	NA	.12
10/11	77	47	62	-5	91	200	.00	71	66	69	NA	NA	NA	.15
10/12	82	50	66	0	97	216	.00	72	65	69	NA	NA	NA	.18
10/13	84	54	69	3	106	235	.00	72	66	69	NA	NA	NA	.18
10/14	74	60	67	2	113	252	.00	71	58	65	NA	NA	NA	.09
10/15	75	61	68	3	121	270	.00	72	70	71	NA	NA	NA	.09
10/16	84	61	73	8	134	293	Trace	74	69	72	NA	NA	NA	.15
10/17	87	68	78	14	152	321	.70	77	71	74	NA	NA	NA	.15
10/18	76	57	67	3	159	338	.18	75	71	73	NA	NA	NA	.11
10/19	59	39	49	-15	159	338	.01	71	63	67	NA	NA	NA	.06
10/20	49	31	40	-23	159	338	Trace	64	58	61	NA	NA	NA	.02
10/21	55	30	43	-20	159	338	.00	62	57	60	NA	NA	NA	.06
10/22	69	30	50	-13	159	338	.00	62	57	60	NA	NA	NA	.15
10/23	75	47	61	-1	160	349	.00	66	59	63	NA	NA	NA	.13
10/24	76	47	62	0	162	361	.00	68	61	65	NA	NA	NA	.14
10/25	74	43	59	-3	162	370	.00	67	61	64	NA	NA	NA	.14
10/26	75	44	60	-1	162	380	.00	67	60	64	NA	NA	NA	.14
10/27	75	44	60	-1	162	390	.00	67	60	64	NA	NA	NA	.14
10/28	77	44	61	1	163	401	.00	66	60	63	NA	NA	NA	.15
10/29	79	46	63	3	166	414	.00	66	62	64	NA	NA	NA	.16
10/30	77	45	61	1	167	425	.00	66	61	64	NA	NA	NA	.15
10/31	79	50	65	6	172	440	.00	66	62	64	NA	NA	NA	.14

AIR TEMPERATURES (in degrees F):
Mean Maximum= 76.4 Mean Minimum= 50.3 Average= 63.3
DFN= -1.4 DFN= -1.5 DFN= -1.5
Highest= 88 Lowest= 30

PRECIPITATION STATISTICS (inches):
Total= 1.59 DFN= -1.44 Greatest Daily= .70 Rain Days= 5

SOIL TEMPERATURES (in degrees F):
Highest= 78 Lowest= 57 Average= 68

AVERAGE DAILY VAlabamaUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .14 (in)

Daily Weather Observations: Lower Coastal Plain Substation, Camden

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	71	42	57	-2	0	7	.00	66	62	64	NA	NA	NA	.12
11/ 2	67	48	58	-1	0	15	Trace	66	62	64	NA	NA	NA	.07
11/ 3	61	39	50	-8	0	15	Trace	64	60	62	NA	NA	NA	.06
11/ 4	62	33	48	-10	0	15	.00	64	59	62	NA	NA	NA	.09
11/ 5	69	36	53	-5	0	18	.00	65	59	62	NA	NA	NA	.12
11/ 6	78	44	61	4	1	29	.00	63	58	61	NA	NA	NA	.15
11/ 7	74	58	66	9	7	45	.53	65	62	64	NA	NA	NA	.08
11/ 8	70	58	64	7	11	59	1.23	66	64	65	NA	NA	NA	.05
11/ 9	68	48	58	1	11	67	1.02	66	63	65	NA	NA	NA	.07
11/10	66	40	53	-3	11	70	.00	66	59	63	NA	NA	NA	.08
11/11	74	43	59	3	11	79	.00	63	59	61	NA	NA	NA	.12
11/12	79	44	62	6	13	91	.00	64	59	62	NA	NA	NA	.15
11/13	76	46	61	5	14	102	.00	64	59	62	NA	NA	NA	.13
11/14	80	47	64	9	18	116	.17	64	59	62	NA	NA	NA	.15
11/15	78	61	70	15	28	136	.14	64	63	64	NA	NA	NA	.09
11/16	83	36	60	5	28	146	.43	69	60	65	NA	NA	NA	.20
11/17	54	28	41	-13	28	146	.00	60	54	57	NA	NA	NA	.04
11/18	48	29	39	-15	28	146	.00	51	49	50	NA	NA	NA	.00
11/19	61	39	50	-4	28	146	.00	58	49	54	NA	NA	NA	.05
11/20	63	37	50	-4	28	146	.00	59	55	57	NA	NA	NA	.07
11/21	72	41	57	4	28	153	.00	59	55	57	NA	NA	NA	.11
11/22	71	54	63	10	31	166	.03	62	57	60	NA	NA	NA	.06
11/23	77	41	59	6	31	175	1.12	64	58	61	NA	NA	NA	.14
11/24	50	29	40	-13	31	175	.00	59	53	56	NA	NA	NA	.01
11/25	56	29	43	-9	31	175	.00	59	53	56	NA	NA	NA	.05
11/26	59	41	50	-2	31	175	.00	60	54	57	NA	NA	NA	.03
11/27	75	51	63	11	34	188	.00	60	51	56	NA	NA	NA	.10
11/28	75	59	67	16	41	205	.00	62	58	60	NA	NA	NA	.07
11/29	69	39	54	3	41	209	.22	63	56	60	NA	NA	NA	.10
11/30	54	29	42	-9	41	209	.00	58	52	55	NA	NA	NA	.03

AIR TEMPERATURES (in degrees F):
Mean Maximum= 68.0 Mean Minimum= 42.3 Average= 55.1
DFN= +.9 DFN= +.2 DFN= +.6
Highest= 83 Lowest= 28

PRECIPITATION STATISTICS (inches):
Total= 4.89 DFN= +1.16 Greatest Daily= 1.23 Rain Days= 9

SOIL TEMPERATURES (in degrees F):
Highest= 69 Lowest= 49 Average= 60

AVERAGE DAILY VAlabamaUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .09 (in)

Daily Weather Observations: Lower Coastal Plain Substation, Camden

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	54	30	42	-9	0	0	.00	55	51	53	NA	NA	NA	.03
12/ 2	58	39	49	-2	0	0	.00	56	53	55	NA	NA	NA	.02
12/ 3	57	34	46	-4	0	0	.00	55	51	53	NA	NA	NA	.03
12/ 4	47	21	34	-16	0	0	.00	52	48	50	NA	NA	NA	.01
12/ 5	53	22	38	-12	0	0	.00	52	48	50	NA	NA	NA	.05
12/ 6	67	34	51	1	0	1	.00	52	48	50	NA	NA	NA	.10
12/ 7	71	52	62	13	2	13	.30	56	51	54	NA	NA	NA	.06
12/ 8	65	55	60	11	2	23	2.05	58	56	57	NA	NA	NA	.02
12/ 9	57	34	46	-3	2	23	.23	58	52	55	NA	NA	NA	.03
12/10	37	33	35	-14	2	23	.02	53	51	52	NA	NA	NA	.00
12/11	53	34	44	-5	2	23	.00	53	50	52	NA	NA	NA	.01
12/12	67	39	53	4	2	26	.51	56	51	54	NA	NA	NA	.08
12/13	41	21	31	-18	2	26	.24	54	46	50	NA	NA	NA	.00
12/14	43	21	32	-16	2	26	.00	48	44	46	NA	NA	NA	.00
12/15	55	26	41	-7	2	26	.00	49	44	47	NA	NA	NA	.04
12/16	59	17	38	-10	2	26	.25	51	44	48	NA	NA	NA	.10
12/17	38	18	28	-20	2	26	.00	50	41	46	NA	NA	NA	.00
12/18	37	23	30	-18	2	26	.40	51	41	46	NA	NA	NA	.00
12/19	41	32	37	-11	2	26	.58	45	44	45	NA	NA	NA	.00
12/20	43	31	37	-11	2	26	.03	47	44	46	NA	NA	NA	.00
12/21	46	27	37	-10	2	26	.00	49	44	47	NA	NA	NA	.00
12/22	44	11	28	-19	2	26	.00	49	40	45	NA	NA	NA	.02
12/23	23	5	14	-33	2	26	.00	41	37	39	NA	NA	NA	.00
12/24	20	4	12	-35	2	26	.00	38	36	37	NA	NA	NA	.00
12/25	30	6	18	-29	2	26	.00	37	36	37	NA	NA	NA	.00
12/26	39	20	30	-17	2	26	.00	37	35	36	NA	NA	NA	.00
12/27	57	27	42	-5	2	26	.00	41	37	39	NA	NA	NA	.05
12/28	69	29	49	2	2	26	.00	41	37	39	NA	NA	NA	.12
12/29	67	30	49	2	2	26	.10	44	39	42	NA	NA	NA	.11
12/30	62	46	54	7	2	30	.15	50	45	48	NA	NA	NA	.02
12/31	62	55	59	13	2	39	1.85	54	50	52	NA	NA	NA	.00

AIR TEMPERATURES (in degrees F):
Mean Maximum= 50.4 Mean Minimum= 28.3 Average= 39.3
DFN= -9.4 DFN= -8.0 DFN= -8.7
Highest= 71 Lowest= 4

PRECIPITATION STATISTICS (inches):
Total= 6.71 DFN= +.99 Greatest Daily= 2.05 Rain Days= 13

SOIL TEMPERATURES (in degrees F):
Highest= 58 Lowest= 35 Average= 47

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .03 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
1/ 1	62	41	52	9	0	2	.09	52	49	51	NA	NA	NA	.04
1/ 2	64	36	50	7	0	2	.00	58	52	55	.05	NA	NA	.07
1/ 3	60	36	48	5	0	2	Trace	56	50	53	.03	NA	NA	.04
1/ 4	71	34	53	10	0	5	.44	60	50	55	.15	NA	NA	.12
1/ 5	53	29	41	-2	0	5	.00	54	47	51	.14	NA	NA	.02
1/ 6	62	31	47	4	0	5	Trace	52	46	49	.01	NA	NA	.07
1/ 7	70	52	61	18	1	16	Trace	56	52	54	.10	NA	NA	.06
1/ 8	75	52	64	21	5	30	Trace	58	54	56	.05	NA	NA	.09
1/ 9	50	36	43	0	5	30	.05	55	52	54	.05	NA	NA	.00
1/10	46	34	40	-3	5	30	.30	51	50	51	.06	NA	NA	.00
1/11	52	43	48	5	5	30	.09	54	51	53	NA	NA	NA	.00
1/12	55	47	51	9	5	31	.02	55	52	54	.02	NA	NA	.00
1/13	62	45	54	12	5	35	.74	57	55	56	NA	NA	NA	.03
1/14	48	45	47	5	5	35	.15	57	54	56	NA	NA	NA	.00
1/15	55	43	49	7	5	35	.43	55	52	54	NA	NA	NA	.00
1/16	44	38	41	-2	5	35	Trace	55	50	53	NA	NA	NA	.00
1/17	54	30	42	-1	5	35	.00	56	46	51	NA	NA	NA	.03
1/18	58	28	43	0	5	35	.00	54	46	50	NA	NA	NA	.06
1/19	61	35	48	5	5	35	.00	52	46	49	.05	NA	NA	.06
1/20	57	40	49	6	5	35	.14	51	47	49	NA	NA	NA	.02
1/21	56	30	43	0	5	35	.00	54	45	50	.16	NA	NA	.04
1/22	52	30	41	-2	5	35	.00	52	44	48	.09	NA	NA	.02
1/23	60	30	45	2	5	35	.00	53	44	49	.09	NA	NA	.07
1/24	62	30	46	3	5	35	.00	54	44	49	.06	NA	NA	.08
1/25	70	33	52	9	5	37	.00	56	46	51	.14	NA	NA	.12
1/26	72	38	55	12	5	42	.00	56	47	52	.04	NA	NA	.12
1/27	73	44	59	16	5	51	.14	57	49	53	.12	NA	NA	.11
1/28	60	31	46	2	5	51	.00	999	999	53	NA	NA	NA	.07
1/29	68	40	54	10	5	55	.00	999	999	53	NA	NA	NA	.09
1/30	71	45	58	14	5	63	.51	60	48	54	NA	NA	NA	.10
1/31	67	37	52	8	5	65	.05	59	50	55	.08	NA	NA	.10

AIR TEMPERATURES (in degrees F):
Mean Maximum= 60.3 Mean Minimum= 37.5 Average= 48.9
DFN= +6.3 DFN= +6.1 DFN= +6.2
Highest= 75 Lowest= 28

PRECIPITATION STATISTICS (inches):
Total= 3.15 DFN= -2.25 Greatest Daily= .74 Rain Days= 13

SOIL TEMPERATURES (in degrees F):
Highest= 60 Lowest= 44 Average= 52

AVERAGE DAILY VALUES:
Pan Evaporation= .08 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .05 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
2/ 1	68	38	53	9	0	3	.00	49	49	49	.11	NA	NA	.10
2/ 2	78	57	68	24	8	21	.00	64	60	62	.14	NA	NA	.10
2/ 3	78	63	71	27	19	42	.00	66	59	63	.15	NA	NA	.09
2/ 4	76	37	57	13	19	49	.10	62	55	59	NA	NA	NA	.16
2/ 5	43	37	40	-4	19	49	.30	51	49	50	NA	NA	NA	.00
2/ 6	46	38	42	-2	19	49	.10	55	49	52	NA	NA	NA	.00
2/ 7	44	31	38	-6	19	49	.79	51	47	49	.17	NA	NA	.00
2/ 8	35	29	32	-13	19	49	.00	44	44	44	NA	NA	NA	.00
2/ 9	46	25	36	-9	19	49	.00	50	47	49	NA	NA	NA	.01
2/10	40	20	30	-15	19	49	.00	48	40	44	NA	NA	NA	.00
2/11	50	20	35	-10	19	49	.00	49	39	44	NA	NA	NA	.05
2/12	58	34	46	1	19	49	.00	52	41	47	.09	NA	NA	.06
2/13	67	34	51	5	19	50	.00	55	44	50	.09	NA	NA	.12
2/14	68	46	57	11	19	57	.00	54	49	52	.13	NA	NA	.09
2/15	76	56	66	20	25	73	.00	62	52	57	.05	NA	NA	.10
2/16	80	59	70	24	35	93	.00	66	59	63	.02	NA	NA	.12
2/17	71	48	60	14	35	103	.00	64	57	61	.21	NA	NA	.10
2/18	56	36	46	-1	35	103	.04	59	51	55	.02	NA	NA	.04
2/19	38	36	37	-10	35	103	Trace	51	49	50	.02	NA	NA	.00
2/20	48	36	42	-5	35	103	.34	51	49	50	.05	NA	NA	.00
2/21	63	45	54	7	35	107	.67	56	49	53	.07	NA	NA	.06
2/22	64	38	51	3	35	108	.00	59	51	55	.19	NA	NA	.09
2/23	40	21	31	-17	35	108	Trace	51	42	47	NA	NA	NA	.00
2/24	34	17	26	-22	35	108	.00	50	37	44	NA	NA	NA	.00
2/25	41	17	29	-19	35	108	.00	44	41	43	NA	NA	NA	.02
2/26	55	24	40	-9	35	108	.00	55	39	47	NA	NA	NA	.08
2/27	58	49	54	5	35	112	.03	50	46	48	.01	NA	NA	.02
2/28	70	45	58	9	35	120	.68	55	50	53	.18	NA	NA	.11

AIR TEMPERATURES (in degrees F):
Mean Maximum= 56.8 Mean Minimum= 37.0 Average= 46.9
DFN= -1.2 DFN= +3.4 DFN= +1.1
Highest= 80 Lowest= 17

PRECIPITATION STATISTICS (inches):
Total= 3.05 DFN= -2.08 Greatest Daily= .79 Rain Days= 9

SOIL TEMPERATURES (in degrees F):
Highest= 66 Lowest= 37 Average= 51

AVERAGE DAILY VALUES:
Pan Evaporation= .10 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .05 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
3/ 1	56	40	48	-1	0	0	.09	56	50	53	.11	NA	NA	.04
3/ 2	48	39	44	-6	0	0	.11	50	48	49	NA	NA	NA	.00
3/ 3	49	43	46	-4	0	0	.49	50	49	50	.03	NA	NA	.00
3/ 4	55	45	50	0	0	0	.00	54	48	51	.02	NA	NA	.02
3/ 5	65	52	59	9	0	9	.50	58	54	56	NA	NA	NA	.06
3/ 6	78	35	57	6	0	16	3.00	63	52	58	NA	NA	NA	.20
3/ 7	38	31	35	-16	0	16	Trace	53	46	50	.16	NA	NA	.00
3/ 8	38	32	35	-16	0	16	.00	45	45	45	.07	NA	NA	.00
3/ 9	54	36	45	-6	0	16	.00	53	44	49	.07	NA	NA	.05
3/10	65	38	52	0	0	18	.00	57	45	51	.16	NA	NA	.11
3/11	74	42	58	6	0	26	.00	61	47	54	.13	NA	NA	.16
3/12	78	48	63	11	3	39	.00	64	52	58	.21	NA	NA	.16
3/13	83	52	68	15	11	57	.00	66	54	60	.22	NA	NA	.18
3/14	79	55	67	14	18	74	.00	66	56	61	.21	NA	NA	.15
3/15	82	60	71	18	29	95	.00	67	59	63	.26	NA	NA	.15
3/16	81	51	66	13	35	111	.00	68	60	64	.17	NA	NA	.18
3/17	78	51	65	11	40	126	.00	69	59	64	.21	NA	NA	.16
3/18	82	53	68	14	48	144	.00	69	59	64	.16	NA	NA	.18
3/19	83	44	64	10	52	158	.00	71	60	66	.21	NA	NA	.21
3/20	72	44	58	3	52	166	.00	71	60	66	.21	NA	NA	.15
3/21	79	56	68	13	60	184	1.52	68	60	64	.25	NA	NA	.15
3/22	63	42	53	-2	60	187	.42	63	56	60	.13	NA	NA	.10
3/23	55	42	49	-7	60	187	.46	64	54	59	.07	NA	NA	.05
3/24	46	42	44	-12	60	187	.11	52	52	52	.02	NA	NA	.00
3/25	54	42	48	-8	60	187	.01	57	52	55	.05	NA	NA	.04
3/26	61	42	52	-5	60	189	.00	64	57	61	.06	NA	NA	.09
3/27	74	42	58	1	60	197	.00	67	57	62	.10	NA	NA	.17
3/28	82	51	67	10	67	214	.00	70	56	63	.19	NA	NA	.19
3/29	84	54	69	11	76	233	.00	70	59	65	.25	NA	NA	.20
3/30	78	58	68	10	84	251	1.90	70	63	67	NA	NA	NA	.15
3/31	75	56	66	8	90	267	.00	69	63	66	.11	NA	NA	.14

AIR TEMPERATURES (in degrees F):
Mean Maximum= 67.4 Mean Minimum= 45.7 Average= 56.6
DFN= +1.8 DFN= +4.8 DFN= +3.3
Highest= 84 Lowest= 31

PRECIPITATION STATISTICS (inches):
Total= 8.61 DFN= +1.26 Greatest Daily= 3.00 Rain Days= 11

SOIL TEMPERATURES (in degrees F):
Highest= 71 Lowest= 44 Average= 58

AVERAGE DAILY VALUES:
Pan Evaporation= .14 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .11 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
4/ 1	60	36	48	-11	0	0	.00	66	54	60	.17	NA	NA	.10
4/ 2	66	36	51	-8	0	1	.00	65	54	60	.16	NA	NA	.14
4/ 3	73	58	66	7	6	17	.00	66	60	63	.17	NA	NA	.12
4/ 4	65	59	62	3	8	29	.00	74	59	67	.05	NA	NA	.07
4/ 5	81	52	67	7	15	46	1.82	61	61	61	NA	NA	NA	.19
4/ 6	67	37	52	-8	15	48	.00	66	56	61	.23	NA	NA	.15
4/ 7	64	37	51	-9	15	49	.09	63	55	59	.17	NA	NA	.13
4/ 8	63	43	53	-7	15	52	.00	66	57	62	.02	NA	NA	.11
4/ 9	67	43	55	-6	15	57	1.15	61	57	59	.11	NA	NA	.13
4/10	48	42	45	-16	15	57	.75	56	54	55	.04	NA	NA	.02
4/11	49	32	41	-20	15	57	.08	55	50	53	NA	NA	NA	.05
4/12	58	32	45	-17	15	57	.00	61	48	55	.16	NA	NA	.11
4/13	64	35	50	-12	15	57	.00	64	51	58	.12	NA	NA	.14
4/14	73	41	57	-5	15	64	.00	68	54	61	.17	NA	NA	.18
4/15	72	42	57	-5	15	71	.22	64	56	60	.04	NA	NA	.17
4/16	67	48	58	-5	15	79	.00	68	60	64	.13	NA	NA	.12
4/17	75	46	61	-2	16	90	.00	68	60	64	.13	NA	NA	.18
4/18	81	45	63	0	19	103	.00	74	59	67	.22	NA	NA	.22
4/19	83	51	67	3	26	120	.00	76	62	69	.22	NA	NA	.21
4/20	82	54	68	4	34	138	.00	73	65	69	.21	NA	NA	.20
4/21	80	53	67	3	41	155	.00	77	64	71	.20	NA	NA	.19
4/22	79	52	66	2	47	171	.00	77	64	71	.17	NA	NA	.19
4/23	85	58	72	7	59	193	.00	79	67	73	.28	NA	NA	.21
4/24	84	58	71	6	70	214	.00	89	65	77	.28	NA	NA	.20
4/25	85	58	72	7	82	236	.00	80	68	74	.21	NA	NA	.21
4/26	86	59	73	8	95	259	.00	81	69	75	.18	NA	NA	.21
4/27	88	60	74	8	109	283	.00	82	70	76	.26	NA	NA	.22
4/28	88	61	75	9	124	308	.00	82	69	76	.25	NA	NA	.22
4/29	89	63	76	10	140	334	.00	84	70	77	.28	NA	NA	.22
4/30	82	58	70	4	150	354	.00	82	70	76	.14	NA	NA	.19

AIR TEMPERATURES (in degrees F):
Mean Maximum= 73.5 Mean Minimum= 48.3 Average= 60.9
DFN= -1.9 DFN= -1.2 DFN= -1.6
Highest= 89 Lowest= 32

PRECIPITATION STATISTICS (inches):
Total= 4.11 DFN= -1.96 Greatest Daily= 1.82 Rain Days= 6

SOIL TEMPERATURES (in degrees F):
Highest= 89 Lowest= 48 Average= 66

AVERAGE DAILY VALUES:
Pan Evaporation= .17 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .16 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
5/ 1	84	63	74	7	14	24	.00	81	72	77	.09	NA	NA	.19
5/ 2	74	52	63	-4	17	37	.43	77	68	73	.11	NA	NA	.16
5/ 3	74	51	63	-4	20	50	.00	78	67	73	.26	NA	NA	.16
5/ 4	73	50	62	-5	22	62	.00	77	66	72	.16	NA	NA	.16
5/ 5	70	57	64	-4	26	76	.10	70	63	67	NA	NA	NA	.12
5/ 6	72	58	65	-3	31	91	.10	71	67	69	.13	NA	NA	.13
5/ 7	75	42	59	-9	31	100	.00	77	64	71	.27	NA	NA	.20
5/ 8	72	42	57	-11	31	107	.00	77	64	71	.25	NA	NA	.18
5/ 9	78	45	62	-7	33	119	.00	79	66	73	.14	NA	NA	.21
5/10	78	60	69	0	42	138	.56	72	70	71	.17	NA	NA	.16
5/11	69	48	59	-10	42	147	.00	74	65	70	.09	NA	NA	.15
5/12	73	44	59	-10	42	156	.00	76	65	71	.27	NA	NA	.18
5/13	74	45	60	-10	42	166	.00	77	63	70	.20	NA	NA	.19
5/14	72	52	62	-8	44	178	.01	70	67	69	.08	NA	NA	.15
5/15	78	55	67	-3	51	195	1.17	72	67	70	.17	NA	NA	.18
5/16	79	54	67	-3	58	212	.00	77	66	72	.15	NA	NA	.19
5/17	80	54	67	-3	65	229	.00	79	67	73	.18	NA	NA	.20
5/18	85	58	72	1	77	251	.00	81	69	75	.21	NA	NA	.22
5/19	79	64	72	1	89	273	.03	76	72	74	.10	NA	NA	.16
5/20	84	66	75	4	104	298	.00	83	72	78	.18	NA	NA	.19
5/21	82	61	72	1	116	320	.12	82	71	77	.12	NA	NA	.19
5/22	88	67	78	6	134	348	.00	85	75	80	.19	NA	NA	.21
5/23	86	62	74	2	148	372	.49	82	75	79	.23	NA	NA	.21
5/24	84	64	74	2	162	396	.17	83	72	78	.17	NA	NA	.19
5/25	85	64	75	3	177	421	.00	86	73	80	.25	NA	NA	.20
5/26	90	72	81	9	198	452	.00	90	76	83	.30	NA	NA	.21
5/27	90	73	82	9	220	484	.00	87	76	82	.28	NA	NA	.20
5/28	88	62	75	2	235	509	.14	87	76	82	.07	NA	NA	.23
5/29	87	61	74	1	249	533	.00	87	76	82	.27	NA	NA	.22
5/30	88	61	75	2	264	558	.00	86	74	80	.24	NA	NA	.23
5/31	89	63	76	2	280	584	.00	87	74	81	.25	NA	NA	.23

AIR TEMPERATURES (in degrees F):
Mean Maximum= 80.0 Mean Minimum= 57.1 Average= 68.5
DFN= -2.3 DFN= -.3 DFN= -1.3
Highest= 90 Lowest= 42

PRECIPITATION STATISTICS (inches):
Total= 3.32 DFN= -.85 Greatest Daily= 1.17 Rain Days= 11

SOIL TEMPERATURES (in degrees F):
Highest= 90 Lowest= 63 Average= 75

AVERAGE DAILY VALUES:
Pan Evaporation= .19 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .19 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
6/ 1	92	67	80	6	20	30	.00	87	77	82	.22	NA	NA	.24
6/ 2	92	69	81	7	41	61	.00	90	79	85	.23	NA	NA	.23
6/ 3	91	68	80	6	61	91	.00	87	78	83	.24	NA	NA	.23
6/ 4	86	67	77	2	78	118	.24	86	77	82	.09	NA	NA	.20
6/ 5	87	67	77	2	95	145	.10	87	77	82	.23	NA	NA	.21
6/ 6	85	65	75	0	110	170	.85	82	76	79	.18	NA	NA	.20
6/ 7	82	62	72	-3	122	192	.00	86	74	80	.16	NA	NA	.19
6/ 8	86	62	74	-1	136	216	.04	86	75	81	.24	NA	NA	.22
6/ 9	75	66	71	-5	147	237	.60	77	75	76	.08	NA	NA	.13
6/10	80	62	71	-5	158	258	.00	84	75	80	.16	NA	NA	.18
6/11	87	62	75	-1	173	283	.00	83	75	79	.23	NA	NA	.22
6/12	87	66	77	1	190	310	.90	83	75	79	.14	NA	NA	.21
6/13	89	69	79	3	209	339	.00	86	74	80	.27	NA	NA	.21
6/14	89	67	78	1	227	367	.86	86	77	82	.28	NA	NA	.22
6/15	87	68	78	1	245	395	.75	89	77	83	.25	NA	NA	.20
6/16	72	63	68	-9	253	413	1.74	77	74	76	NA	NA	NA	.12
6/17	79	58	69	-8	262	432	.08	78	73	76	.20	NA	NA	.18
6/18	88	64	76	-1	278	458	.00	83	73	78	.19	NA	NA	.22
6/19	89	64	77	0	295	485	.30	86	79	83	.17	NA	NA	.23
6/20	79	66	73	-5	308	508	2.50	81	76	79	NA	NA	NA	.16
6/21	85	67	76	-2	324	534	.08	87	74	81	.16	NA	NA	.19
6/22	88	68	78	0	342	562	.10	87	77	82	.16	NA	NA	.21
6/23	87	63	75	-3	357	587	1.82	87	73	80	NA	NA	NA	.22
6/24	85	65	75	-3	372	612	.00	85	75	80	.24	NA	NA	.20
6/25	87	68	78	0	390	640	.26	85	77	81	.25	NA	NA	.20
6/26	91	69	80	1	410	670	.00	89	77	83	.20	NA	NA	.23
6/27	90	68	79	0	429	699	.00	90	79	85	.25	NA	NA	.22
6/28	90	68	79	0	448	728	.00	90	79	85	.21	NA	NA	.22
6/29	91	67	79	0	467	757	.11	91	79	85	.20	NA	NA	.23
6/30	88	78	83	4	490	790	.00	88	68	78	.22	NA	NA	.18

AIR TEMPERATURES (in degrees F):
Mean Maximum= 86.1 Mean Minimum= 66.1 Average= 76.1
DFN= -2.4 DFN= +1.5 DFN= -.4
Highest= 92 Lowest= 58

PRECIPITATION STATISTICS (inches):
Total= 11.33 DFN= +7.62 Greatest Daily= 2.50 Rain Days= 17

SOIL TEMPERATURES (in degrees F):
Highest= 91 Lowest= 68 Average= 81

AVERAGE DAILY VALUES:
Pan Evaporation= .20 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .20 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
7/ 1	84	69	77	-2	17	27	.84	87	80	84	.20	NA	NA	.18
7/ 2	85	67	76	-3	33	53	1.13	86	80	83	.21	NA	NA	.19
7/ 3	82	70	76	-3	49	79	.08	84	78	81	.11	NA	NA	.17
7/ 4	84	68	76	-3	65	105	.23	85	78	82	.15	NA	NA	.18
7/ 5	87	70	79	0	84	134	.20	88	78	83	.20	NA	NA	.20
7/ 6	85	70	78	-1	102	162	.03	87	77	82	.24	NA	NA	.18
7/ 7	88	72	80	1	122	192	.30	89	80	85	.20	NA	NA	.20
7/ 8	89	70	80	1	142	222	.00	89	80	85	.25	NA	NA	.21
7/ 9	89	68	79	0	161	251	.08	89	80	85	.26	NA	NA	.21
7/10	89	67	78	-2	179	279	.00	90	80	85	.15	NA	NA	.22
7/11	90	68	79	-1	198	308	.00	92	79	86	.29	NA	NA	.22
7/12	91	69	80	0	218	338	.90	91	80	86	.29	NA	NA	.22
7/13	91	69	80	0	238	368	.29	91	79	85	.25	NA	NA	.22
7/14	87	69	78	-2	256	396	.02	87	81	84	.16	NA	NA	.20
7/15	88	70	79	-1	275	425	.00	88	80	84	.20	NA	NA	.20
7/16	89	70	80	0	295	455	.00	89	79	84	.19	NA	NA	.21
7/17	88	67	78	-2	313	483	.00	87	80	84	.17	NA	NA	.21
7/18	88	64	76	-4	329	509	.00	90	79	85	.25	NA	NA	.22
7/19	88	64	76	-4	345	535	.00	88	79	84	.16	NA	NA	.22
7/20	89	69	79	-1	364	564	.73	87	80	84	.29	NA	NA	.21
7/21	84	68	76	-4	380	590	.05	86	80	83	.05	NA	NA	.18
7/22	82	69	76	-4	396	616	.00	86	79	83	.18	NA	NA	.16
7/23	85	67	76	-4	412	642	.00	85	79	82	.19	NA	NA	.19
7/24	87	67	77	-3	429	669	.25	86	79	83	.25	NA	NA	.20
7/25	87	68	78	-2	447	697	.05	88	80	84	.18	NA	NA	.20
7/26	92	68	80	0	467	727	.00	91	78	85	.25	NA	NA	.23
7/27	92	69	81	1	488	758	.00	90	81	86	.26	NA	NA	.23
7/28	94	69	82	2	510	790	.00	92	80	86	.21	NA	NA	.24
7/29	94	71	83	3	533	823	.34	92	82	87	.27	NA	NA	.23
7/30	95	71	83	3	556	856	.00	92	82	87	.20	NA	NA	.24
7/31	93	70	82	2	578	888	.19	91	82	87	.21	NA	NA	.23

AIR TEMPERATURES (in degrees F):
Mean Maximum= 88.3 Mean Minimum= 68.6 Average= 78.4
DFN= -2.5 DFN= +.3 DFN= -1.1
Highest= 95 Lowest= 64

PRECIPITATION STATISTICS (inches):
Total= 5.71 DFN= +.59 Greatest Daily= 1.13 Rain Days= 17

SOIL TEMPERATURES (in degrees F):
Highest= 92 Lowest= 77 Average= 84

AVERAGE DAILY VALUES:
Pan Evaporation= .21 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .21 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

	AIR TEMPERATURE			GDD				4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
8/ 1	91	69	80	0	20	30	.02	93	82	88	.25	NA	NA	.22
8/ 2	90	70	80	0	40	60	.00	90	81	86	.13	NA	NA	.21
8/ 3	92	70	81	1	61	91	.21	91	83	87	.21	NA	NA	.22
8/ 4	92	70	81	1	82	122	.00	90	82	86	.17	NA	NA	.22
8/ 5	95	73	84	4	106	156	.00	92	82	87	.25	NA	NA	.23
8/ 6	94	71	83	3	129	189	.00	92	82	87	.25	NA	NA	.23
8/ 7	93	68	81	1	150	220	.00	92	84	88	.31	NA	NA	.23
8/ 8	93	61	77	-3	167	247	.00	88	81	85	.22	NA	NA	.25
8/ 9	80	58	69	-11	176	266	.00	88	80	84	.24	NA	NA	.18
8/10	83	58	71	-9	187	287	.00	86	80	83	.22	NA	NA	.20
8/11	84	61	73	-7	200	310	.00	88	78	83	.19	NA	NA	.20
8/12	87	64	76	-4	216	336	.00	NA	NA	NA	NA	NA	NA	.20
8/13	87	64	76	-4	232	362	.00	NA	NA	NA	NA	NA	NA	.20
8/14	88	67	78	-1	250	390	.00	88	67	78	NA	NA	NA	.20
8/15	88	65	77	-2	267	417	.22	89	80	85	.16	NA	NA	.21
8/16	86	65	76	-3	283	443	.00	86	79	83	.14	NA	NA	.19
8/17	85	64	75	-4	298	468	.21	87	80	84	.16	NA	NA	.19
8/18	88	65	77	-2	315	495	.00	87	77	82	.11	NA	NA	.20
8/19	90	65	78	-1	333	523	.00	87	78	83	.19	NA	NA	.22
8/20	92	67	80	1	353	553	.00	87	79	83	.20	NA	NA	.22
8/21	91	68	80	1	373	583	.00	87	79	83	.19	NA	NA	.21
8/22	91	68	80	1	393	613	.00	90	81	86	.18	NA	NA	.21
8/23	95	71	83	4	416	646	.00	91	82	87	.29	NA	NA	.23
8/24	94	73	84	5	440	680	.00	92	84	88	.20	NA	NA	.21
8/25	95	71	83	5	463	713	.00	84	NA	88	.23	NA	NA	.23
8/26	96	71	84	6	487	747	.16	92	83	88	.22	NA	NA	.23
8/27	96	68	82	4	509	779	.13	92	83	88	.25	NA	NA	.24
8/28	92	70	81	3	530	810	.00	92	83	88	.16	NA	NA	.21
8/29	96	68	82	4	552	842	.00	92	83	88	.28	NA	NA	.24
8/30	93	71	82	4	574	874	.00	91	84	88	.24	NA	NA	.21
8/31	92	66	79	1	593	903	1.13	90	83	87	NA	NA	NA	.22

AIR TEMPERATURES (in degrees F):
Mean Maximum= 90.6 Mean Minimum= 67.1 Average= 78.9
DFN= +.2 DFN= -.1 DFN= +.1
Highest= 96 Lowest= 58

PRECIPITATION STATISTICS (inches):
Total= 2.08 DFN= -2.01 Greatest Daily= 1.13 Rain Days= 7

SOIL TEMPERATURES (in degrees F):
Highest= 93 Lowest= 67 Average= 85

AVERAGE DAILY VALUES:
Pan Evaporation= .21 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .21 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
9/ 1	91	70	81	3	21	31	.00	90	81	86	.14	NA	NA	.20
9/ 2	89	69	79	1	40	60	.60	86	81	84	.19	NA	NA	.19
9/ 3	93	69	81	4	61	91	.00	87	82	85	.23	NA	NA	.21
9/ 4	92	69	81	4	82	122	.00	86	81	84	.19	NA	NA	.21
9/ 5	84	64	74	-3	96	146	.00	86	81	84	.17	NA	NA	.17
9/ 6	86	63	75	-2	111	171	.00	86	78	82	.11	NA	NA	.19
9/ 7	82	66	74	-3	125	195	.00	84	80	82	.17	NA	NA	.15
9/ 8	86	66	76	-1	141	221	.00	85	79	82	.10	NA	NA	.18
9/ 9	89	66	78	2	159	249	.00	87	78	83	.17	NA	NA	.19
9/10	91	68	80	4	179	279	.00	87	78	83	.19	NA	NA	.20
9/11	90	66	78	2	197	307	.00	87	78	83	.18	NA	NA	.20
9/12	92	67	80	4	217	337	1.67	89	81	85	NA	NA	NA	.21
9/13	89	63	76	1	233	363	.02	86	79	83	.22	NA	NA	.20
9/14	90	68	79	4	252	392	.00	86	79	83	.11	NA	NA	.19
9/15	89	67	78	3	270	420	.00	87	80	84	.23	NA	NA	.19
9/16	80	59	70	-4	280	440	.00	85	78	82	.20	NA	NA	.15
9/17	78	58	68	-6	288	458	.00	83	76	80	.19	NA	NA	.14
9/18	82	56	69	-5	297	477	.00	82	75	79	.15	NA	NA	.17
9/19	83	57	70	-3	307	497	.00	84	70	77	.18	NA	NA	.18
9/20	82	57	70	-3	317	517	.00	83	74	79	.14	NA	NA	.17
9/21	84	59	72	0	329	539	.00	85	75	80	.17	NA	NA	.18
9/22	82	60	71	-1	340	560	.22	84	77	81	.19	NA	NA	.16
9/23	89	58	74	2	354	584	.00	84	75	80	.10	NA	NA	.21
9/24	76	48	62	-10	356	596	.00	84	70	77	.10	NA	NA	.16
9/25	68	48	58	-13	356	604	.31	75	68	72	.09	NA	NA	.11
9/26	60	52	56	-15	356	610	.61	78	67	73	.06	NA	NA	.04
9/27	72	52	62	-9	358	622	.00	73	51	62	.06	NA	NA	.12
9/28	73	56	65	-5	363	637	.00	74	69	72	.09	NA	NA	.11
9/29	61	54	58	-12	363	645	.16	68	68	68	.06	NA	NA	.04
9/30	68	54	61	-8	364	656	.25	72	68	70	.05	NA	NA	.08

AIR TEMPERATURES (in degrees F):
Mean Maximum= 82.4 Mean Minimum= 61.0 Average= 71.7
DFN= -3.3 DFN= -1.0 DFN= -2.2
Highest= 93 Lowest= 48

PRECIPITATION STATISTICS (inches):
Total= 3.84 DFN= -.72 Greatest Daily= 1.67 Rain Days= 8

SOIL TEMPERATURES (in degrees F):
Highest= 90 Lowest= 51 Average= 79

AVERAGE DAILY VALUES:
Pan Evaporation= .15 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .16 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	75	68	72	4	12	22	1.13	74	71	73	NA	NA	NA	.08
10/ 2	78	63	71	3	23	43	.00	78	71	75	.09	NA	NA	.12
10/ 3	81	59	70	2	33	63	.00	79	70	75	.12	NA	NA	.15
10/ 4	85	56	71	4	44	84	.00	81	70	76	.15	NA	NA	.18
10/ 5	80	50	65	-2	49	99	.00	78	69	74	.23	NA	NA	.17
10/ 6	85	50	68	1	57	117	.00	78	67	73	.18	NA	NA	.20
10/ 7	86	58	72	6	69	139	.00	89	70	80	.20	NA	NA	.18
10/ 8	76	51	64	-2	73	153	.00	80	68	74	.15	NA	NA	.14
10/ 9	70	43	57	-8	73	160	.00	78	66	72	.15	NA	NA	.12
10/10	67	41	54	-11	73	164	.00	72	64	68	.09	NA	NA	.11
10/11	76	40	58	-6	73	172	.00	78	66	72	.14	NA	NA	.17
10/12	81	42	62	-2	75	184	.00	77	66	72	.11	NA	NA	.19
10/13	83	51	67	4	82	201	.00	78	67	73	.14	NA	NA	.18
10/14	73	55	64	1	86	215	.00	77	69	73	.07	NA	NA	.10
10/15	73	55	64	2	90	229	.00	77	70	74	.06	NA	NA	.10
10/16	84	55	70	8	100	249	Trace	78	70	74	.08	NA	NA	.17
10/17	84	64	74	12	114	273	.44	78	72	75	.10	NA	NA	.14
10/18	74	55	65	4	119	288	.74	74	72	73	.10	NA	NA	.10
10/19	58	38	48	-13	119	288	Trace	71	63	67	.04	NA	NA	.05
10/20	43	27	35	-26	119	288	.00	62	55	59	.11	NA	NA	.00
10/21	48	28	38	-22	119	288	.00	65	55	60	.10	NA	NA	.02
10/22	63	28	46	-14	119	288	.00	69	58	64	.12	NA	NA	.12
10/23	76	40	58	-2	119	296	.00	76	60	68	.12	NA	NA	.16
10/24	76	43	60	1	119	306	.00	70	60	65	.07	NA	NA	.15
10/25	74	42	58	-1	119	314	.00	69	60	65	.07	NA	NA	.14
10/26	76	42	59	0	119	323	.00	69	60	65	.12	NA	NA	.15
10/27	76	45	61	3	120	334	.00	68	60	64	.15	NA	NA	.14
10/28	76	43	60	2	120	344	.00	68	60	64	.13	NA	NA	.15
10/29	79	45	62	5	122	356	.00	69	60	65	.13	NA	NA	.16
10/30	76	45	61	4	123	367	.00	69	60	65	.13	NA	NA	.14
10/31	79	47	63	6	126	380	.00	70	60	65	.09	NA	NA	.15

AIR TEMPERATURES (in degrees F):
Mean Maximum= 74.5 Mean Minimum= 47.4 Average= 61.0
DFN= -1.5 DFN= -.9 DFN= -1.2
Highest= 86 Lowest= 27

PRECIPITATION STATISTICS (inches):
Total= 2.31 DFN= -.48 Greatest Daily= 1.13 Rain Days= 3

SOIL TEMPERATURES (in degrees F):
Highest= 89 Lowest= 55 Average= 69

AVERAGE DAILY VALUES:
Pan Evaporation= .12 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .13 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	72	41	57	1	0	7	.00	68	60	64	.08	NA	NA	.12
11/ 2	69	41	55	-1	0	12	.00	68	60	64	.08	NA	NA	.10
11/ 3	61	37	49	-7	0	12	.00	64	57	61	.06	NA	NA	.07
11/ 4	60	30	45	-10	0	12	.00	60	55	58	.09	NA	NA	.08
11/ 5	64	35	50	-5	0	12	.00	63	55	59	.13	NA	NA	.09
11/ 6	75	36	56	1	0	18	.00	65	58	62	.17	NA	NA	.15
11/ 7	75	57	66	11	6	34	.51	65	63	64	NA	NA	NA	.09
11/ 8	70	59	65	11	11	49	1.14	71	67	69	NA	NA	NA	.05
11/ 9	70	45	58	4	11	57	.38	68	63	66	NA	NA	NA	.09
11/10	66	40	53	-1	11	60	.14	67	59	63	.14	NA	NA	.08
11/11	74	40	57	4	11	67	.00	65	56	61	.15	NA	NA	.13
11/12	79	44	62	9	13	79	.00	67	58	63	.14	NA	NA	.15
11/13	80	43	62	9	15	91	.00	66	59	63	.10	NA	NA	.16
11/14	78	42	60	7	15	101	.46	67	53	60	.13	NA	NA	.15
11/15	73	58	66	14	21	117	.11	66	63	65	.06	NA	NA	.07
11/16	74	35	55	3	21	122	.87	69	60	65	.22	NA	NA	.14
11/17	51	24	38	-14	21	122	.00	60	50	55	NA	NA	NA	.03
11/18	49	24	37	-15	21	122	.00	57	50	54	NA	NA	NA	.02
11/19	55	34	45	-6	21	122	.00	61	51	56	NA	NA	NA	.03
11/20	59	40	50	-1	21	122	.00	66	52	59	NA	NA	NA	.03
11/21	72	40	56	5	21	128	.00	61	52	57	.06	NA	NA	.11
11/22	72	43	58	8	21	136	.06	63	55	59	.07	NA	NA	.10
11/23	59	33	46	-4	21	136	1.00	57	53	55	NA	NA	NA	.05
11/24	44	25	35	-15	21	136	.00	55	53	54	NA	NA	NA	.00
11/25	55	25	40	-9	21	136	.00	57	53	55	NA	NA	NA	.05
11/26	50	35	43	-6	21	136	.00	56	55	56	.05	NA	NA	.00
11/27	68	45	57	8	21	143	.00	59	55	57	.06	NA	NA	.07
11/28	75	54	65	16	26	158	.02	64	57	61	.06	NA	NA	.08
11/29	69	36	53	5	26	161	.00	64	54	59	.14	NA	NA	.10
11/30	49	27	38	-10	26	161	.00	57	49	53	.08	NA	NA	.00

AIR TEMPERATURES (in degrees F):
Mean Maximum= 65.6 Mean Minimum= 38.9 Average= 52.3
DFN= +.2 DFN= +.4 DFN= +.3
Highest= 80 Lowest= 24

PRECIPITATION STATISTICS (inches):
Total= 4.69 DFN= +1.24 Greatest Daily= 1.14 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 71 Lowest= 49 Average= 60

AVERAGE DAILY VALUES:
Pan Evaporation= .10 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .08 (in)

Daily Weather Observations: Chilton Area Horticulture Substation, Clanton

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	55	27	41	-7	0	0	.00	54	49	52	.10	NA	NA	.04
12/ 2	57	36	47	-1	0	0	.00	54	47	51	.02	NA	NA	.03
12/ 3	60	28	44	-4	0	0	.00	55	46	51	.02	NA	NA	.07
12/ 4	38	18	28	-19	0	0	.00	53	45	49	NA	NA	NA	.00
12/ 5	50	18	34	-13	0	0	.00	50	45	48	NA	NA	NA	.04
12/ 6	66	30	48	1	0	0	.00	53	45	49	.10	NA	NA	.10
12/ 7	70	46	58	11	0	8	.50	57	50	54	.20	NA	NA	.07
12/ 8	59	48	54	7	0	12	2.08	57	57	57	NA	NA	NA	.00
12/ 9	49	31	40	-6	0	12	.52	58	55	57	NA	NA	NA	.00
12/10	33	28	31	-15	0	12	.00	55	50	53	NA	NA	NA	.00
12/11	45	30	38	-8	0	12	.00	50	50	50	NA	NA	NA	.00
12/12	62	37	50	4	0	12	.86	53	49	51	.07	NA	NA	.05
12/13	43	19	31	-15	0	12	.00	51	42	47	NA	NA	NA	.00
12/14	42	19	31	-14	0	12	.00	47	41	44	NA	NA	NA	.00
12/15	53	23	38	-7	0	12	.33	49	40	45	NA	NA	NA	.04
12/16	60	11	36	-9	0	12	.00	40	40	40	NA	NA	NA	.12
12/17	32	11	22	-23	0	12	.00	43	40	42	NA	NA	NA	.00
12/18	38	28	33	-12	0	12	.40	48	43	46	NA	NA	NA	.00
12/19	37	30	34	-10	0	12	.68	42	42	42	NA	NA	NA	.00
12/20	40	24	32	-12	0	12	.02	42	42	42	NA	NA	NA	.00
12/21	46	26	36	-8	0	12	.00	42	37	40	NA	NA	NA	.00
12/22	37	4	21	-23	0	12	.00	44	37	41	NA	NA	NA	.00
12/23	15	0	8	-36	0	12	.00	35	35	35	NA	NA	NA	.00
12/24	19	2	11	-33	0	12	.00	35	32	34	NA	NA	NA	.00
12/25	30	9	20	-24	0	12	.00	34	32	33	NA	NA	NA	.00
12/26	32	24	28	-16	0	12	.00	36	34	35	NA	NA	NA	.00
12/27	50	25	38	-6	0	12	.00	38	34	36	NA	NA	NA	.01
12/28	64	26	45	1	0	12	.00	44	36	40	NA	NA	NA	.10
12/29	66	26	46	2	0	12	.03	47	41	44	NA	NA	NA	.11
12/30	60	42	51	7	0	13	.00	49	44	47	NA	NA	NA	.02
12/31	58	44	51	8	0	14	.16	52	44	48	NA	NA	NA	.00

AIR TEMPERATURES (in degrees F):
Mean Maximum= 47.3 Mean Minimum= 24.8 Average= 36.1
DFN= -9.8 DFN= -8.2 DFN= -9.0
Highest= 70 Lowest= 0

PRECIPITATION STATISTICS (inches):
Total= 5.58 DFN= +.03 Greatest Daily= 2.08 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 58 Lowest= 32 Average= 45

AVERAGE DAILY VALUES:
Pan Evaporation= .08 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .03 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
1/ 1	60	41	51	10	0	1	.68	51	46	49	NA	NA	NA	.02
1/ 2	45	35	40	-1	0	1	.00	48	45	47	NA	NA	NA	.00
1/ 3	52	35	44	4	0	1	.32	51	45	48	NA	NA	NA	.00
1/ 4	56	30	43	3	0	1	.00	51	40	46	NA	NA	NA	.03
1/ 5	45	26	36	-4	0	1	.00	48	39	44	NA	NA	NA	.00
1/ 6	55	28	42	2	0	1	.18	46	39	43	NA	NA	NA	.03
1/ 7	71	43	57	17	0	8	.01	55	46	51	NA	NA	NA	.09
1/ 8	68	45	57	17	0	15	.55	57	51	54	NA	NA	NA	.06
1/ 9	50	32	41	1	0	15	.17	55	45	50	NA	NA	NA	.00
1/10	40	32	36	-4	0	15	.79	44	44	44	NA	NA	NA	.00
1/11	47	38	43	3	0	15	.40	48	44	46	NA	NA	NA	.00
1/12	47	41	44	4	0	15	.87	47	46	47	NA	NA	NA	.00
1/13	56	36	46	6	0	15	1.23	51	47	49	NA	NA	NA	.02
1/14	47	35	41	1	0	15	.03	52	44	48	NA	NA	NA	.00
1/15	47	35	41	1	0	15	.19	45	43	44	NA	NA	NA	.00
1/16	44	33	39	-1	0	15	.00	47	43	45	NA	NA	NA	.00
1/17	48	22	35	-5	0	15	.00	51	38	45	NA	NA	NA	.01
1/18	53	22	38	-2	0	15	.00	50	38	44	NA	NA	NA	.04
1/19	60	30	45	5	0	15	.00	50	38	44	NA	NA	NA	.06
1/20	62	35	49	9	0	15	.00	52	40	46	NA	NA	NA	.06
1/21	50	20	35	-5	0	15	.00	49	38	44	NA	NA	NA	.03
1/22	49	26	38	-2	0	15	.00	46	38	42	NA	NA	NA	.01
1/23	55	24	40	0	0	15	.00	49	38	44	NA	NA	NA	.05
1/24	65	25	45	5	0	15	.00	51	38	45	NA	NA	NA	.11
1/25	65	35	50	10	0	15	.00	52	42	47	NA	NA	NA	.08
1/26	69	40	55	15	0	20	.00	54	42	48	NA	NA	NA	.09
1/27	60	36	48	8	0	20	.48	51	44	48	NA	NA	NA	.05
1/28	52	27	40	-1	0	20	.00	51	40	46	NA	NA	NA	.03
1/29	64	38	51	10	0	21	.00	53	39	46	NA	NA	NA	.07
1/30	65	44	55	14	0	26	.38	53	45	49	NA	NA	NA	.06
1/31	58	35	47	6	0	26	Trace	57	43	50	NA	NA	NA	.04

AIR TEMPERATURES (in degrees F):
Mean Maximum= 55.0 Mean Minimum= 33.0 Average= 44.0
DFN= +5.6 DFN= +2.6 DFN= +4.1
Highest= 71 Lowest= 20

PRECIPITATION STATISTICS (inches):
Total= 6.28 DFN= +1.06 Greatest Daily= 1.23 Rain Days= 14

SOIL TEMPERATURES (in degrees F):
Highest= 57 Lowest= 38 Average= 46

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .03 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
2/ 1	67	37	52	11	0	2	Trace	56	43	50	NA	NA	NA	.09
2/ 2	70	49	60	19	0	12	.00	58	48	53	NA	NA	NA	.08
2/ 3	66	57	62	21	2	24	Trace	59	56	58	NA	NA	NA	.03
2/ 4	68	33	51	9	2	25	.16	58	46	52	NA	NA	NA	.12
2/ 5	38	32	35	-7	2	25	.41	47	45	46	NA	NA	NA	.00
2/ 6	42	34	38	-4	2	25	1.30	46	45	46	NA	NA	NA	.00
2/ 7	37	24	31	-11	2	25	.53	46	41	44	NA	NA	NA	.00
2/ 8	32	21	27	-15	2	25	.00	44	37	41	NA	NA	NA	.00
2/ 9	40	15	28	-14	2	25	.00	46	36	41	NA	NA	NA	.00
2/10	30	14	22	-20	2	25	.00	42	35	39	NA	NA	NA	.00
2/11	43	16	30	-13	2	25	.00	40	35	38	NA	NA	NA	.02
2/12	55	26	41	-2	2	25	.00	45	36	41	NA	NA	NA	.06
2/13	58	30	44	1	2	25	Trace	53	44	49	NA	NA	NA	.07
2/14	68	44	56	13	2	31	.03	52	44	48	NA	NA	NA	.09
2/15	75	56	66	23	8	47	.00	60	51	56	NA	NA	NA	.10
2/16	79	52	66	23	14	63	Trace	63	55	59	NA	NA	NA	.13
2/17	55	41	48	4	14	63	.10	56	50	53	NA	NA	NA	.02
2/18	44	32	38	-6	14	63	.10	49	44	47	NA	NA	NA	.00
2/19	36	31	34	-10	14	63	.48	44	42	43	NA	NA	NA	.00
2/20	48	33	41	-3	14	63	.22	50	42	46	NA	NA	NA	.00
2/21	58	38	48	4	14	63	1.05	50	45	48	NA	NA	NA	.05
2/22	60	33	47	2	14	63	.00	55	45	50	NA	NA	NA	.08
2/23	38	15	27	-18	14	63	.02	45	40	43	NA	NA	NA	.00
2/24	28	13	21	-24	14	63	.00	40	35	38	NA	NA	NA	.00
2/25	34	13	24	-21	14	63	.00	40	35	38	NA	NA	NA	.00
2/26	50	17	34	-12	14	63	.00	48	36	42	NA	NA	NA	.07
2/27	63	38	51	5	14	64	.23	53	42	48	NA	NA	NA	.09
2/28	43	36	40	-6	14	64	3.07	45	44	45	NA	NA	NA	.00

AIR TEMPERATURES (in degrees F):
Mean Maximum= 50.9 Mean Minimum= 31.4 Average= 41.2
DFN= -3.0 DFN= -1.0 DFN= -2.0
Highest= 79 Lowest= 13

PRECIPITATION STATISTICS (inches):
Total= 7.70 DFN= +2.81 Greatest Daily= 3.07 Rain Days= 13

SOIL TEMPERATURES (in degrees F):
Highest= 63 Lowest= 35 Average= 46

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .04 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
3/ 1	52	36	44	-2	0	0	.00	53	43	48	.14	NA	NA	.03
3/ 2	51	36	44	-3	0	0	.00	48	43	46	.08	NA	NA	.02
3/ 3	56	41	49	2	0	0	.00	50	43	47	.05	NA	NA	.04
3/ 4	56	43	50	3	0	0	.00	51	45	48	.05	NA	NA	.03
3/ 5	55	47	51	4	0	1	1.54	50	49	50	NA	NA	NA	.01
3/ 6	65	34	50	2	0	1	.40	57	49	53	NA	NA	NA	.12
3/ 7	37	30	34	-14	0	1	Trace	49	42	46	.05	NA	NA	.00
3/ 8	36	31	34	-14	0	1	.00	42	40	41	.02	NA	NA	.00
3/ 9	49	29	39	-10	0	1	.00	49	40	45	.05	NA	NA	.04
3/10	60	31	46	-3	0	1	.00	56	40	48	.16	NA	NA	.10
3/11	68	34	51	2	0	2	.00	58	42	50	.14	NA	NA	.14
3/12	75	43	59	9	0	11	.00	60	45	53	.19	NA	NA	.16
3/13	78	47	63	13	3	24	.00	63	47	55	.19	NA	NA	.17
3/14	72	50	61	11	4	35	.00	60	51	56	.14	NA	NA	.12
3/15	80	51	66	16	10	51	.00	64	53	59	.26	NA	NA	.17
3/16	75	38	57	6	10	58	.22	63	50	57	.13	NA	NA	.18
3/17	66	40	53	2	10	61	.00	62	50	56	.15	NA	NA	.12
3/18	78	53	66	15	16	77	.00	64	50	57	.16	NA	NA	.15
3/19	77	31	54	2	16	81	.00	65	48	57	.20	NA	NA	.22
3/20	67	38	53	1	16	84	.25	63	48	56	.09	NA	NA	.13
3/21	71	47	59	6	16	93	1.59	62	52	57	.12	NA	NA	.13
3/22	52	37	45	-8	16	93	.09	57	48	53	.07	NA	NA	.04
3/23	50	37	44	-9	16	93	.47	53	47	50	.09	NA	NA	.03
3/24	45	38	42	-12	16	93	.37	49	47	48	.03	NA	NA	.00
3/25	53	41	47	-7	16	93	.00	54	48	51	.02	NA	NA	.04
3/26	67	39	53	-1	16	96	.00	63	50	57	.10	NA	NA	.13
3/27	75	42	59	4	16	105	.00	66	50	58	.13	NA	NA	.17
3/28	76	54	65	10	21	120	.00	64	52	58	.15	NA	NA	.14
3/29	81	58	70	15	31	140	.00	68	56	62	.27	NA	NA	.16
3/30	80	56	68	12	39	158	.88	68	59	64	.24	NA	NA	.16
3/31	70	49	60	4	39	168	Trace	66	58	62	.13	NA	NA	.12

AIR TEMPERATURES (in degrees F):
Mean Maximum= 63.6 Mean Minimum= 41.3 Average= 52.5
DFN= +1.6 DFN= +1.7 DFN= +1.7
Highest= 81 Lowest= 29

PRECIPITATION STATISTICS (inches):
Total= 5.81 DFN= -.87 Greatest Daily= 1.59 Rain Days= 9

SOIL TEMPERATURES (in degrees F):
Highest= 68 Lowest= 40 Average= 53

AVERAGE DAILY VALUES:
Pan Evaporation= .12 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .10 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
4/ 1	51	29	40	-16	0	0	.01	58	47	53	.09	NA	NA	.07
4/ 2	59	35	47	-10	0	0	.00	63	47	55	.15	NA	NA	.10
4/ 3	71	41	56	-1	0	6	.03	63	48	56	.26	NA	NA	.16
4/ 4	68	55	62	5	2	18	.44	62	49	56	.06	NA	NA	.10
4/ 5	62	44	53	-5	2	21	1.34	59	55	57	.07	NA	NA	.09
4/ 6	60	32	46	-12	2	21	Trace	63	50	57	.19	NA	NA	.12
4/ 7	59	33	46	-12	2	21	.40	59	49	54	.10	NA	NA	.11
4/ 8	55	38	47	-12	2	21	.14	58	50	54	.10	NA	NA	.07
4/ 9	57	33	45	-14	2	21	.41	53	47	50	.10	NA	NA	.10
4/10	53	38	46	-13	2	21	.00	56	47	52	.15	NA	NA	.06
4/11	46	27	37	-23	2	21	Trace	51	43	47	.07	NA	NA	.05
4/12	53	28	41	-19	2	21	.00	59	43	51	.21	NA	NA	.09
4/13	63	31	47	-13	2	21	.00	61	45	53	.12	NA	NA	.15
4/14	68	35	52	-8	2	23	.00	65	48	57	NA	NA	NA	.17
4/15	70	47	59	-2	2	32	.55	61	49	55	.08	NA	NA	.14
4/16	62	37	50	-11	2	32	.00	61	51	56	.09	NA	NA	.12
4/17	70	41	56	-5	2	38	.00	68	51	60	.17	NA	NA	.16
4/18	78	48	63	2	5	51	.00	71	53	62	.24	NA	NA	.19
4/19	80	50	65	3	10	66	.00	72	56	64	.25	NA	NA	.20
4/20	73	41	57	-5	10	73	.00	67	54	61	.21	NA	NA	.18
4/21	76	43	60	-2	10	83	.00	71	54	63	.16	NA	NA	.20
4/22	75	45	60	-2	10	93	.00	73	57	65	.17	NA	NA	.18
4/23	80	49	65	2	15	108	.00	75	57	66	.23	NA	NA	.20
4/24	83	58	71	8	26	129	.00	77	62	70	.31	NA	NA	.19
4/25	83	57	70	7	36	149	.00	79	63	71	.23	NA	NA	.20
4/26	83	56	70	7	46	169	.00	79	63	71	.22	NA	NA	.20
4/27	85	58	72	8	58	191	.00	80	64	72	.22	NA	NA	.21
4/28	85	59	72	8	70	213	.00	80	65	73	.23	NA	NA	.21
4/29	86	62	74	10	84	237	Trace	81	66	74	.22	NA	NA	.20
4/30	78	57	68	4	92	255	.01	75	65	70	.10	NA	NA	.17

AIR TEMPERATURES (in degrees F):
Mean Maximum= 69.1 Mean Minimum= 43.6 Average= 56.3
DFN= -3.3 DFN= -5.0 DFN= -4.2
Highest= 86 Lowest= 27

PRECIPITATION STATISTICS (inches):
Total= 3.33 DFN= -2.00 Greatest Daily= 1.34 Rain Days= 9

SOIL TEMPERATURES (in degrees F):
Highest= 81 Lowest= 43 Average= 60

AVERAGE DAILY VALUES:
Pan Evaporation= .17 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .15 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
5/ 1	82	59	71	6	11	21	.22	76	65	71	.10	NA	NA	.19
5/ 2	68	48	58	-7	11	29	.12	70	60	65	.08	NA	NA	.14
5/ 3	65	46	56	-9	11	35	.00	72	59	66	.17	NA	NA	.12
5/ 4	69	46	58	-7	11	43	.00	74	60	67	.16	NA	NA	.15
5/ 5	60	53	57	-9	11	50	.40	63	62	63	NA	NA	NA	.07
5/ 6	67	53	60	-6	11	60	1.28	68	60	64	NA	NA	NA	.11
5/ 7	65	39	52	-14	11	62	.00	70	55	63	.28	NA	NA	.15
5/ 8	63	39	51	-15	11	63	.00	68	55	62	.21	NA	NA	.13
5/ 9	73	45	59	-7	11	72	.31	73	55	64	.18	NA	NA	.18
5/10	73	51	62	-5	13	84	.03	68	61	65	.10	NA	NA	.16
5/11	65	45	55	-12	13	89	.00	66	55	61	.19	NA	NA	.13
5/12	67	39	53	-14	13	92	.00	70	54	62	.25	NA	NA	.16
5/13	68	38	53	-14	13	95	.00	71	54	63	.17	NA	NA	.17
5/14	70	50	60	-7	13	105	.06	70	57	64	.12	NA	NA	.15
5/15	65	54	60	-8	13	115	.09	64	60	62	.07	NA	NA	.10
5/16	75	44	60	-8	13	125	.00	73	58	66	.22	NA	NA	.20
5/17	75	45	60	-8	13	135	.00	74	58	66	.19	NA	NA	.20
5/18	80	49	65	-3	18	150	.00	77	59	68	.21	NA	NA	.21
5/19	78	61	70	2	28	170	.00	73	64	69	.16	NA	NA	.16
5/20	80	58	69	0	37	189	.06	75	65	70	.15	NA	NA	.19
5/21	70	55	63	-6	40	202	.53	69	63	66	.06	NA	NA	.13
5/22	83	58	71	2	51	223	.21	80	63	72	.18	NA	NA	.21
5/23	82	60	71	2	62	244	.05	78	67	73	.19	NA	NA	.19
5/24	79	52	66	-4	68	260	.00	79	65	72	.22	NA	NA	.20
5/25	83	55	69	-1	77	279	.00	82	65	74	.22	NA	NA	.22
5/26	83	55	69	-1	86	298	.00	82	65	74	.22	NA	NA	.22
5/27	87	67	77	7	103	325	.00	86	71	79	.20	NA	NA	.20
5/28	79	52	66	-4	109	341	.00	79	65	72	.19	NA	NA	.20
5/29	83	56	70	-1	119	361	.00	85	65	75	.27	NA	NA	.21
5/30	84	61	73	2	132	384	.00	85	67	76	.20	NA	NA	.21
5/31	85	64	75	4	147	409	.00	86	69	78	.22	NA	NA	.20

AIR TEMPERATURES (in degrees F):
Mean Maximum= 74.4 Mean Minimum= 51.5 Average= 63.0
DFN= -4.5 DFN= -4.7 DFN= -4.6
Highest= 87 Lowest= 38

PRECIPITATION STATISTICS (inches):
Total= 3.36 DFN= -1.15 Greatest Daily= 1.28 Rain Days= 12

SOIL TEMPERATURES (in degrees F):
Highest= 86 Lowest= 54 Average= 68

AVERAGE DAILY VALUES:
Pan Evaporation= .18 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .17 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
6/ 1	88	65	77	6	17	27	.00	86	71	79	.20	NA	NA	.22
6/ 2	90	64	77	5	34	54	.00	88	72	80	.21	NA	NA	.23
6/ 3	82	64	73	1	47	77	Trace	85	73	79	.18	NA	NA	.18
6/ 4	82	65	74	2	61	101	.47	81	72	77	.09	NA	NA	.18
6/ 5	81	65	73	1	74	124	.00	82	73	78	.14	NA	NA	.17
6/ 6	76	60	68	-5	82	142	.87	74	69	72	.10	NA	NA	.16
6/ 7	75	55	65	-8	87	157	.00	79	68	74	.15	NA	NA	.17
6/ 8	82	58	70	-3	97	177	.00	82	68	75	.16	NA	NA	.20
6/ 9	70	63	67	-6	104	194	.66	73	70	72	.02	NA	NA	.11
6/10	76	58	67	-6	111	211	.03	77	68	73	.15	NA	NA	.17
6/11	83	58	71	-3	122	232	.00	81	68	75	.21	NA	NA	.21
6/12	84	63	74	0	136	256	.00	81	68	75	.17	NA	NA	.20
6/13	85	63	74	0	150	280	.45	82	71	77	.18	NA	NA	.21
6/14	80	64	72	-2	162	302	.15	80	71	76	.18	NA	NA	.17
6/15	85	63	74	0	176	326	1.16	81	71	76	.11	NA	NA	.21
6/16	70	63	67	-8	183	343	1.73	71	70	71	NA	NA	NA	.11
6/17	75	53	64	-11	187	357	.05	76	66	71	.13	NA	NA	.18
6/18	80	59	70	-5	197	377	.00	82	66	74	.22	NA	NA	.19
6/19	85	61	73	-2	210	400	.44	83	69	76	.23	NA	NA	.21
6/20	73	61	67	-8	217	417	.19	73	70	72	.05	NA	NA	.14
6/21	80	63	72	-3	229	439	.87	80	70	75	.16	NA	NA	.18
6/22	79	62	71	-4	240	460	.09	79	70	75	.04	NA	NA	.17
6/23	76	62	69	-7	249	479	1.07	77	70	74	.09	NA	NA	.15
6/24	85	64	75	-1	264	504	.00	86	70	78	.21	NA	NA	.20
6/25	87	67	77	1	281	531	.00	87	73	80	.23	NA	NA	.21
6/26	90	67	79	3	300	560	.00	88	74	81	.23	NA	NA	.23
6/27	90	68	79	3	319	589	.00	88	75	82	.23	NA	NA	.22
6/28	89	68	79	3	338	618	.00	88	75	82	.21	NA	NA	.22
6/29	85	68	77	1	355	645	Trace	83	75	79	.15	NA	NA	.19
6/30	83	66	75	-1	370	670	.04	83	74	79	.09	NA	NA	.18

AIR TEMPERATURES (in degrees F):
Mean Maximum= 81.5 Mean Minimum= 62.7 Average= 72.1
DFN= -3.7 DFN= -.4 DFN= -2.1
Highest= 90 Lowest= 53

PRECIPITATION STATISTICS (inches):
Total= 8.27 DFN= +4.50 Greatest Daily= 1.73 Rain Days= 15

SOIL TEMPERATURES (in degrees F):
Highest= 88 Lowest= 66 Average= 76

AVERAGE DAILY VALUES:
Pan Evaporation= .16 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .19 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
7/ 1	76	67	72	-4	12	22	.58	89	74	82	.06	NA	NA	.14
7/ 2	78	65	72	-5	24	44	.44	80	73	77	.10	NA	NA	.16
7/ 3	77	65	71	-6	35	65	2.29	77	73	75	.06	NA	NA	.15
7/ 4	81	66	74	-3	49	89	1.28	82	73	78	NA	NA	NA	.17
7/ 5	81	66	74	-3	63	113	Trace	84	74	79	.16	NA	NA	.17
7/ 6	78	67	73	-4	76	136	.58	81	74	78	.06	NA	NA	.15
7/ 7	83	69	76	-1	92	162	.02	85	74	80	.16	NA	NA	.17
7/ 8	86	67	77	0	109	189	.00	87	75	81	.21	NA	NA	.20
7/ 9	88	69	79	2	128	218	.10	88	76	82	.19	NA	NA	.21
7/10	90	68	79	2	147	247	.00	89	77	83	.20	NA	NA	.22
7/11	88	66	77	0	164	274	.00	88	76	82	.22	NA	NA	.21
7/12	79	67	73	-4	177	297	.96	82	74	78	.10	NA	NA	.15
7/13	87	65	76	-1	193	323	.05	87	74	81	.22	NA	NA	.21
7/14	85	67	76	-1	209	349	.00	86	74	80	.17	NA	NA	.19
7/15	85	63	74	-3	223	373	.00	87	74	81	.26	NA	NA	.20
7/16	88	65	77	0	240	400	.01	87	75	81	.19	NA	NA	.22
7/17	74	61	68	-9	248	418	.93	76	71	74	.04	NA	NA	.14
7/18	82	60	71	-6	259	439	.00	85	71	78	.20	NA	NA	.19
7/19	85	62	74	-3	273	463	.00	85	72	79	.17	NA	NA	.21
7/20	83	66	75	-2	288	488	.93	83	74	79	.14	NA	NA	.18
7/21	84	67	76	-2	304	514	.01	86	73	80	.23	NA	NA	.18
7/22	81	65	73	-5	317	537	.07	83	74	79	.15	NA	NA	.17
7/23	84	64	74	-4	331	561	.20	83	73	78	.10	NA	NA	.19
7/24	85	66	76	-2	347	587	.00	85	73	79	.19	NA	NA	.19
7/25	85	65	75	-3	362	612	.03	84	74	79	.09	NA	NA	.20
7/26	91	68	80	2	382	642	.00	89	74	82	.22	NA	NA	.22
7/27	92	67	80	2	402	672	.00	91	76	84	.17	NA	NA	.23
7/28	89	68	79	2	421	701	.00	89	76	83	.26	NA	NA	.21
7/29	89	67	78	1	439	729	.00	88	76	82	.17	NA	NA	.21
7/30	91	67	79	2	458	758	.00	89	75	82	.21	NA	NA	.23
7/31	90	67	79	2	477	787	.59	91	76	84	.28	NA	NA	.22

AIR TEMPERATURES (in degrees F):
Mean Maximum= 84.4 Mean Minimum= 65.9 Average= 75.1
DFN= -3.5 DFN= -.3 DFN= -1.9
Highest= 92 Lowest= 60

PRECIPITATION STATISTICS (inches):
Total= 9.07 DFN= +5.09 Greatest Daily= 2.29 Rain Days= 17

SOIL TEMPERATURES (in degrees F):
Highest= 91 Lowest= 71 Average= 80

AVERAGE DAILY VALUES:
Pan Evaporation= .17 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .19 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
8/ 1	90	66	78	1	18	28	.36	88	76	82	.17	NA	NA	.22
8/ 2	87	68	78	1	36	56	.00	87	76	82	.16	NA	NA	.20
8/ 3	87	68	78	0	54	84	.16	88	77	83	.14	NA	NA	.20
8/ 4	90	68	79	1	73	113	.37	90	77	84	.21	NA	NA	.21
8/ 5	90	69	80	2	93	143	.00	90	77	84	.20	NA	NA	.21
8/ 6	91	69	80	2	113	173	.00	90	77	84	.27	NA	NA	.22
8/ 7	92	66	79	1	132	202	.02	90	75	83	.20	NA	NA	.23
8/ 8	80	53	67	-10	139	219	.00	84	69	77	.29	NA	NA	.20
8/ 9	79	52	66	-11	145	235	.00	83	68	76	.24	NA	NA	.19
8/10	80	54	67	-10	152	252	.00	80	68	74	.23	NA	NA	.19
8/11	83	54	69	-8	161	271	.00	80	67	74	.14	NA	NA	.21
8/12	83	54	69	-8	170	290	.00	80	70	75	.20	NA	NA	.21
8/13	84	56	70	-7	180	310	.00	89	70	80	.21	NA	NA	.21
8/14	85	60	73	-4	193	333	.00	90	72	81	.24	NA	NA	.20
8/15	85	62	74	-3	207	357	.00	87	74	81	.22	NA	NA	.20
8/16	84	63	74	-3	221	381	.00	87	74	81	.14	NA	NA	.19
8/17	85	63	74	-3	235	405	.05	87	74	81	.14	NA	NA	.19
8/18	83	63	73	-4	248	428	.15	83	73	78	.12	NA	NA	.18
8/19	85	59	72	-5	260	450	.00	85	72	79	.21	NA	NA	.20
8/20	86	64	75	-2	275	475	.00	87	72	80	.15	NA	NA	.19
8/21	88	66	77	0	292	502	.00	89	73	81	.18	NA	NA	.20
8/22	91	69	80	3	312	532	.00	92	75	84	.22	NA	NA	.21
8/23	91	69	80	4	332	562	.00	93	78	86	.22	NA	NA	.21
8/24	92	70	81	5	353	593	.00	93	78	86	.19	NA	NA	.21
8/25	93	66	80	4	373	623	.31	77	NA	86	.25	NA	NA	.23
8/26	90	67	79	3	392	652	.00	88	77	83	.17	NA	NA	.21
8/27	91	64	78	2	410	680	.00	87	75	81	.17	NA	NA	.22
8/28	90	66	78	2	428	708	.00	89	75	82	.17	NA	NA	.21
8/29	90	68	79	3	447	737	.00	90	76	83	.20	NA	NA	.20
8/30	90	68	79	4	466	766	.00	90	77	84	.14	NA	NA	.20
8/31	88	65	77	2	483	793	.34	86	75	81	.10	NA	NA	.20

AIR TEMPERATURES (in degrees F):
Mean Maximum= 87.2 Mean Minimum= 63.5 Average= 75.4
DFN= -.6 DFN= -1.9 DFN= -1.2
Highest= 93 Lowest= 52

PRECIPITATION STATISTICS (inches):
Total= 1.76 DFN= -1.47 Greatest Daily= .37 Rain Days= 8

SOIL TEMPERATURES (in degrees F):
Highest= 93 Lowest= 67 Average= 81

AVERAGE DAILY VALUES:
Pan Evaporation= .19 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .20 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
9/ 1	88	66	77	2	17	27	.00	86	75	81	.14	NA	NA	.19
9/ 2	80	63	72	-3	29	49	.92	80	72	76	.13	NA	NA	.15
9/ 3	82	65	74	-1	43	73	.00	86	72	79	.07	NA	NA	.16
9/ 4	88	65	77	2	60	100	.02	86	72	79	.26	NA	NA	.19
9/ 5	83	58	71	-3	71	121	.00	85	71	78	.23	NA	NA	.18
9/ 6	85	58	72	-2	83	143	.00	87	71	79	.18	NA	NA	.19
9/ 7	75	64	70	-4	93	163	.03	78	74	76	.05	NA	NA	.11
9/ 8	85	64	75	1	108	188	.00	87	73	80	.15	NA	NA	.17
9/ 9	87	64	76	3	124	214	.00	88	73	81	.18	NA	NA	.19
9/10	89	66	78	5	142	242	.00	90	74	82	.19	NA	NA	.19
9/11	84	67	76	3	158	268	.07	85	75	80	.08	NA	NA	.16
9/12	85	65	75	2	173	293	.00	85	74	80	.11	NA	NA	.17
9/13	87	65	76	4	189	319	.00	87	75	81	.15	NA	NA	.18
9/14	86	68	77	5	206	346	.01	89	75	82	.18	NA	NA	.16
9/15	86	68	77	5	223	373	.27	89	75	82	.20	NA	NA	.16
9/16	79	58	69	-3	232	392	.08	82	70	76	.12	NA	NA	.15
9/17	75	56	66	-5	238	408	.00	79	68	74	.14	NA	NA	.13
9/18	78	53	66	-5	244	424	.00	82	66	74	.19	NA	NA	.16
9/19	80	55	68	-3	252	442	.00	86	67	77	.20	NA	NA	.16
9/20	80	56	68	-3	260	460	.00	85	68	77	.17	NA	NA	.16
9/21	81	56	69	-1	269	479	.00	83	68	76	.13	NA	NA	.16
9/22	76	67	72	2	281	501	.28	77	70	74	.08	NA	NA	.10
9/23	80	60	70	0	291	521	2.14	79	68	74	.24	NA	NA	.14
9/24	70	45	58	-11	291	529	.00	72	58	65	.15	NA	NA	.13
9/25	63	45	54	-15	291	533	.20	68	58	63	.11	NA	NA	.08
9/26	62	51	57	-12	291	540	.66	66	61	64	.03	NA	NA	.06
9/27	73	59	66	-2	297	556	.00	73	62	68	.13	NA	NA	.10
9/28	74	54	64	-4	301	570	.01	75	62	69	.19	NA	NA	.12
9/29	58	52	55	-12	301	575	1.71	63	62	63	.03	NA	NA	.02
9/30	63	58	61	-6	302	586	2.50	65	63	64	NA	NA	NA	.04

AIR TEMPERATURES (in degrees F):
Mean Maximum= 78.7 Mean Minimum= 59.7 Average= 69.2
DFN= -3.9 DFN= -.5 DFN= -2.2
Highest= 89 Lowest= 45

PRECIPITATION STATISTICS (inches):
Total= 8.90 DFN= +4.27 Greatest Daily= 2.50 Rain Days= 14

SOIL TEMPERATURES (in degrees F):
Highest= 90 Lowest= 58 Average= 75

AVERAGE DAILY VALUES:
Pan Evaporation= .15 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .14 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	67	63	65	-1	5	15	.93	67	65	66	NA	NA	NA	.05
10/ 2	71	62	67	1	12	32	.55	70	66	68	.04	NA	NA	.07
10/ 3	76	57	67	2	19	49	.00	73	65	69	.07	NA	NA	.12
10/ 4	77	53	65	0	24	64	.00	76	61	69	.15	NA	NA	.14
10/ 5	74	44	59	-6	24	73	.00	73	58	66	.21	NA	NA	.15
10/ 6	77	44	61	-3	25	84	.00	74	58	66	.12	NA	NA	.16
10/ 7	82	59	71	7	36	105	.00	76	62	69	.16	NA	NA	.15
10/ 8	69	44	57	-6	36	112	.00	69	58	64	.16	NA	NA	.11
10/ 9	67	37	52	-11	36	114	.00	71	55	63	.24	NA	NA	.12
10/10	66	37	52	-11	36	116	.00	71	55	63	.10	NA	NA	.11
10/11	70	43	57	-5	36	123	.00	72	55	64	.12	NA	NA	.12
10/12	78	46	62	0	38	135	.00	75	57	66	.14	NA	NA	.16
10/13	80	49	65	3	43	150	.00	76	59	68	.13	NA	NA	.16
10/14	79	51	65	4	48	165	.00	75	60	68	.10	NA	NA	.15
10/15	79	52	66	5	54	181	.00	77	62	70	.14	NA	NA	.14
10/16	79	56	68	7	62	199	.00	76	62	69	.11	NA	NA	.13
10/17	76	66	71	11	73	220	.43	73	67	70	.01	NA	NA	.08
10/18	72	53	63	3	76	233	.01	72	64	68	.08	NA	NA	.09
10/19	54	37	46	-13	76	233	.28	64	53	59	.06	NA	NA	.03
10/20	40	31	36	-23	76	233	.03	53	48	51	.01	NA	NA	.00
10/21	48	30	39	-20	76	233	.00	56	45	51	.09	NA	NA	.01
10/22	63	33	48	-10	76	233	.00	61	45	53	.11	NA	NA	.10
10/23	72	45	59	1	76	242	.00	67	51	59	.10	NA	NA	.12
10/24	71	47	59	1	76	251	.00	67	54	61	.08	NA	NA	.10
10/25	72	42	57	0	76	258	.00	68	53	61	.09	NA	NA	.12
10/26	74	43	59	2	76	267	.00	69	53	61	.07	NA	NA	.13
10/27	74	43	59	3	76	276	.00	68	53	61	.25	NA	NA	.13
10/28	74	43	59	3	76	285	.00	69	53	61	.13	NA	NA	.13
10/29	76	44	60	4	76	295	.00	70	53	62	.16	NA	NA	.14
10/30	75	51	63	8	79	308	.00	70	53	62	NA	NA	NA	.11
10/31	75	56	66	11	85	324	.00	71	56	64	.09	NA	NA	.09

AIR TEMPERATURES (in degrees F):
Mean Maximum= 71.2 Mean Minimum= 47.1 Average= 59.2
DFN= -1.3 DFN= -.8 DFN= -1.0
Highest= 82 Lowest= 30

PRECIPITATION STATISTICS (inches):
Total= 2.23 DFN= -.66 Greatest Daily= .93 Rain Days= 6

SOIL TEMPERATURES (in degrees F):
Highest= 77 Lowest= 45 Average= 63

AVERAGE DAILY VALUES:
Pan Evaporation= .11 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .11 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	65	38	52	-2	0	2	.00	65	52	59	.08	NA	NA	.09
11/ 2	61	40	51	-3	0	3	.00	62	52	57	NA	NA	NA	.05
11/ 3	57	38	48	-6	0	3	.00	58	48	53	NA	NA	NA	.03
11/ 4	55	28	42	-12	0	3	.00	58	45	52	NA	NA	NA	.05
11/ 5	61	41	51	-2	0	4	.00	62	42	52	NA	NA	NA	.05
11/ 6	68	45	57	4	0	11	.74	62	43	53	NA	NA	NA	.08
11/ 7	61	52	57	4	0	18	.60	60	58	59	NA	NA	NA	.01
11/ 8	64	57	61	8	1	29	.15	61	58	60	NA	NA	NA	.01
11/ 9	66	45	56	4	1	35	.12	64	50	57	NA	NA	NA	.06
11/10	59	43	51	-1	1	36	.00	63	49	56	NA	NA	NA	.03
11/11	68	45	57	5	1	43	.00	63	49	56	NA	NA	NA	.08
11/12	76	44	60	9	1	53	.00	63	51	57	NA	NA	NA	.13
11/13	77	51	64	13	5	67	.00	66	51	59	NA	NA	NA	.11
11/14	74	53	64	13	9	81	.17	65	52	59	NA	NA	NA	.09
11/15	63	57	60	10	9	91	.53	60	58	59	NA	NA	NA	.00
11/16	69	35	52	2	9	93	1.58	65	50	58	NA	NA	NA	.11
11/17	45	23	34	-16	9	93	.00	54	42	48	NA	NA	NA	.00
11/18	43	24	34	-15	9	93	.00	52	42	47	NA	NA	NA	.00
11/19	54	33	44	-5	9	93	.00	53	43	48	NA	NA	NA	.02
11/20	57	37	47	-2	9	93	.00	55	45	50	NA	NA	NA	.03
11/21	68	45	57	9	9	100	.00	59	45	52	NA	NA	NA	.07
11/22	60	42	51	3	9	101	.02	58	48	53	NA	NA	NA	.03
11/23	46	30	38	-10	9	101	1.73	49	43	46	NA	NA	NA	.00
11/24	38	23	31	-17	9	101	.00	49	39	44	NA	NA	NA	.00
11/25	48	26	37	-11	9	101	.00	50	39	45	NA	NA	NA	.00
11/26	53	38	46	-1	9	101	.00	50	41	46	NA	NA	NA	.00
11/27	64	53	59	12	9	110	.02	57	50	54	NA	NA	NA	.02
11/28	71	59	65	18	14	125	.17	62	56	59	NA	NA	NA	.04
11/29	64	35	50	3	14	125	.00	59	46	53	NA	NA	NA	.07
11/30	44	24	34	-12	14	125	.00	52	40	46	NA	NA	NA	.00

AIR TEMPERATURES (in degrees F):
Mean Maximum= 60.0 Mean Minimum= 40.1 Average= 50.0
DFN= -1.3 DFN= +1.3 DFN= +.0
Highest= 77 Lowest= 23

PRECIPITATION STATISTICS (inches):
Total= 5.83 DFN= +1.75 Greatest Daily= 1.73 Rain Days= 11

SOIL TEMPERATURES (in degrees F):
Highest= 66 Lowest= 39 Average= 53

AVERAGE DAILY VALUES:
Pan Evaporation= .08 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .04 (in)

Daily Weather Observations: Sand Mountain Substation, Crossville

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	49	25	37	-9	0	0	.00	51	40	46	NA	NA	NA	.01
12/ 2	55	33	44	-2	0	0	.00	53	43	48	NA	NA	NA	.02
12/ 3	56	24	40	-6	0	0	.00	51	39	45	NA	NA	NA	.05
12/ 4	39	17	28	-17	0	0	.00	43	37	40	NA	NA	NA	.00
12/ 5	46	19	33	-12	0	0	.00	46	37	42	NA	NA	NA	.01
12/ 6	61	31	46	1	0	0	.00	51	37	44	NA	NA	NA	.06
12/ 7	66	46	56	11	0	6	.00	54	43	49	NA	NA	NA	.05
12/ 8	52	43	48	4	0	6	1.27	50	48	49	NA	NA	NA	.00
12/ 9	45	33	39	-5	0	6	.21	49	44	47	NA	NA	NA	.00
12/10	36	29	33	-11	0	6	.06	45	42	44	NA	NA	NA	.00
12/11	43	30	37	-7	0	6	.00	49	42	46	NA	NA	NA	.00
12/12	47	36	42	-1	0	6	.95	47	43	45	NA	NA	NA	.00
12/13	36	18	27	-16	0	6	.04	45	37	41	NA	NA	NA	.00
12/14	36	18	27	-16	0	6	.00	44	37	41	NA	NA	NA	.00
12/15	41	25	33	-10	0	6	.03	43	37	40	NA	NA	NA	.00
12/16	50	7	29	-14	0	6	.05	43	35	39	NA	NA	NA	.07
12/17	24	8	16	-27	0	6	.00	34	34	34	NA	NA	NA	.00
12/18	32	20	26	-16	0	6	.00	35	34	35	NA	NA	NA	.00
12/19	37	29	33	-9	0	6	.14	38	35	37	NA	NA	NA	.00
12/20	34	18	26	-16	0	6	.02	38	36	37	NA	NA	NA	.00
12/21	41	18	30	-12	0	6	.00	43	35	39	NA	NA	NA	.00
12/22	36	1	19	-23	0	6	.00	36	34	35	NA	NA	NA	.00
12/23	13	-1	6	-36	0	6	.00	34	30	32	NA	NA	NA	.00
12/24	16	-1	8	-34	0	6	.00	32	29	31	NA	NA	NA	.00
12/25	24	17	21	-21	0	6	.00	31	29	30	NA	NA	NA	.00
12/26	29	20	25	-16	0	6	.00	31	31	31	NA	NA	NA	.00
12/27	42	24	33	-8	0	6	.00	31	31	31	NA	NA	NA	.00
12/28	57	26	42	1	0	6	.00	31	31	31	NA	NA	NA	.05
12/29	56	27	42	1	0	6	.00	41	31	36	NA	NA	NA	.04
12/30	54	42	48	7	0	6	.24	46	36	41	NA	NA	NA	.00
12/31	60	53	57	16	0	13	1.05	51	46	49	NA	NA	NA	.00

AIR TEMPERATURES (in degrees F):
Mean Maximum= 42.4 Mean Minimum= 23.7 Average= 33.0
DFN= -10.4 DFN= -9.1 DFN= -9.7
Highest= 66 Lowest= -1

PRECIPITATION STATISTICS (inches):
Total= 4.06 DFN= -1.38 Greatest Daily= 1.27 Rain Days= 11

SOIL TEMPERATURES (in degrees F):
Highest= 54 Lowest= 29 Average= 40

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .01 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
1/ 1	73	64	69	17	9	19	.08	69	63	66	.05	NA	NA	.04
1/ 2	67	46	57	5	9	26	.00	68	57	63	.02	NA	NA	.06
1/ 3	71	47	59	7	9	35	.00	65	57	61	.06	NA	NA	.08
1/ 4	74	43	59	7	9	44	.00	68	55	62	.12	NA	NA	.11
1/ 5	62	40	51	-1	9	45	.00	59	50	55	.14	NA	NA	.05
1/ 6	67	41	54	2	9	49	.00	58	49	54	.06	NA	NA	.08
1/ 7	74	64	69	17	18	68	.00	65	58	62	.07	NA	NA	.05
1/ 8	77	64	71	19	29	89	.00	68	63	66	.10	NA	NA	.07
1/ 9	76	50	63	11	32	102	.00	69	60	65	.19	NA	NA	.11
1/10	58	48	53	1	32	105	.00	61	57	59	.17	NA	NA	.00
1/11	63	53	58	7	32	113	.00	60	57	59	.05	NA	NA	.02
1/12	71	60	66	15	38	129	.00	66	60	63	.06	NA	NA	.04
1/13	77	60	69	18	47	148	.00	70	63	67	.07	NA	NA	.08
1/14	66	50	58	7	47	156	.00	67	61	64	.06	NA	NA	.05
1/15	74	58	66	15	53	172	.34	66	61	64	.07	NA	NA	.07
1/16	64	41	53	2	53	175	.00	67	55	61	.11	NA	NA	.06
1/17	51	37	44	-8	53	175	.00	58	48	53	.06	NA	NA	.00
1/18	61	37	49	-3	53	175	.00	56	47	52	.10	NA	NA	.06
1/19	58	45	52	0	53	177	.12	55	50	53	NA	NA	NA	.01
1/20	62	51	57	5	53	184	.11	58	54	56	.03	NA	NA	.02
1/21	53	38	46	-6	53	184	.22	56	47	52	.07	NA	NA	.00
1/22	54	35	45	-7	53	184	.00	54	46	50	.11	NA	NA	.02
1/23	62	36	49	-3	53	184	.00	57	46	52	.09	NA	NA	.07
1/24	66	39	53	1	53	187	.00	58	47	53	.09	NA	NA	.09
1/25	69	41	55	3	53	192	.00	59	48	54	.09	NA	NA	.10
1/26	72	44	58	6	53	200	.00	61	47	54	.07	NA	NA	.11
1/27	75	52	64	12	57	214	.00	65	53	59	.06	NA	NA	.10
1/28	71	42	57	5	57	221	.00	65	53	59	.15	NA	NA	.11
1/29	72	42	57	5	57	228	.00	65	53	59	.07	NA	NA	.12
1/30	75	48	62	10	59	240	.00	66	56	61	.09	NA	NA	.12
1/31	72	44	58	6	59	248	.00	68	55	62	.08	NA	NA	.11

AIR TEMPERATURES (in degrees F):
Mean Maximum= 67.3 DFN= +5.5 Mean Minimum= 47.1 DFN= +5.6 Average= 57.2 DFN= +5.6
Highest= 77 Lowest= 35

PRECIPITATION STATISTICS (inches):
Total= .87 DFN= -3.77 Greatest Daily= .34 Rain Days= 5

SOIL TEMPERATURES (in degrees F):
Highest= 70 Lowest= 46 Average= 58

AVERAGE DAILY VALUES:
Pan Evaporation= .09 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .06 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
2/ 1	70	44	57	4	0	7	.00	64	54	59	.07	NA	NA	.10
2/ 2	76	63	70	17	10	27	.00	71	61	66	.12	NA	NA	.08
2/ 3	77	63	70	17	20	47	.00	72	63	68	.10	NA	NA	.09
2/ 4	80	46	63	10	23	60	.00	74	61	68	.20	NA	NA	.16
2/ 5	62	44	53	0	23	63	.00	61	58	60	.08	NA	NA	.05
2/ 6	53	44	49	-4	23	63	.06	59	57	58	.05	NA	NA	.00
2/ 7	56	36	46	-7	23	63	.07	60	52	56	.07	NA	NA	.04
2/ 8	49	31	40	-13	23	63	.00	57	49	53	.09	NA	NA	.01
2/ 9	54	33	44	-9	23	63	.00	58	46	52	.12	NA	NA	.04
2/10	49	26	38	-16	23	63	.00	57	44	51	.09	NA	NA	.03
2/11	52	28	40	-14	23	63	.00	57	44	51	.13	NA	NA	.04
2/12	60	30	45	-9	23	63	.00	60	45	53	.10	NA	NA	.09
2/13	67	39	53	-1	23	66	.00	63	47	55	.09	NA	NA	.11
2/14	75	60	68	14	31	84	.00	64	55	60	.07	NA	NA	.09
2/15	80	62	71	17	42	105	.00	70	60	65	.12	NA	NA	.12
2/16	80	64	72	18	54	127	.00	75	65	70	.13	NA	NA	.11
2/17	80	55	68	13	62	145	.00	77	65	71	.15	NA	NA	.14
2/18	76	53	65	10	67	160	.03	72	64	68	.07	NA	NA	.12
2/19	57	46	52	-3	67	162	.04	64	58	61	.08	NA	NA	.02
2/20	57	46	52	-3	67	164	.13	58	58	58	.02	NA	NA	.03
2/21	76	57	67	12	74	181	1.20	68	58	63	NA	NA	NA	.11
2/22	64	41	53	-2	74	184	.11	66	54	60	.08	NA	NA	.09
2/23	45	29	37	-19	74	184	.00	54	42	48	NA	NA	NA	.01
2/24	39	21	30	-26	74	184	.00	51	40	46	NA	NA	NA	.00
2/25	48	22	35	-21	74	184	.00	52	39	46	NA	NA	NA	.05
2/26	57	29	43	-13	74	184	.00	56	40	48	NA	NA	NA	.08
2/27	68	51	60	3	74	194	.00	62	48	55	.12	NA	NA	.08
2/28	73	53	63	6	77	207	Trace	67	54	61	.15	NA	NA	.11

AIR TEMPERATURES (in degrees F):
Mean Maximum= 63.6 Mean Minimum= 43.4 Average= 53.5
DFN= -1.0 DFN= +.0 DFN= -.5
Highest= 80 Lowest= 21

PRECIPITATION STATISTICS (inches):
Total= 1.64 DFN= -3.10 Greatest Daily= 1.20 Rain Days= 7

SOIL TEMPERATURES (in degrees F):
Highest= 77 Lowest= 39 Average= 58

AVERAGE DAILY VALUES:
Pan Evaporation= .10 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .07 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
3/ 1	69	52	61	4	1	11	.00	70	59	65	.17	NA	NA	.09
3/ 2	64	52	58	1	1	19	Trace	64	59	62	.12	NA	NA	.06
3/ 3	56	50	53	-4	1	22	1.01	59	57	58	.05	NA	NA	.01
3/ 4	64	50	57	-1	1	29	.00	66	56	61	.04	NA	NA	.07
3/ 5	80	64	72	14	13	51	.00	72	62	67	.12	NA	NA	.12
3/ 6	78	40	59	1	13	60	.08	72	57	65	.18	NA	NA	.19
3/ 7	44	33	39	-19	13	60	.00	57	48	53	.09	NA	NA	.00
3/ 8	39	33	36	-23	13	60	.00	48	47	48	.03	NA	NA	.00
3/ 9	58	38	48	-11	13	60	.00	58	46	52	.13	NA	NA	.07
3/10	65	39	52	-7	13	62	.00	63	46	55	.18	NA	NA	.11
3/11	72	42	57	-2	13	69	.00	69	49	59	.15	NA	NA	.15
3/12	77	48	63	3	16	82	.00	72	52	62	.19	NA	NA	.16
3/13	78	52	65	5	21	97	.00	75	56	66	.19	NA	NA	.16
3/14	72	58	65	5	26	112	.00	75	61	68	.15	NA	NA	.10
3/15	77	60	69	9	35	131	.00	77	64	71	.18	NA	NA	.13
3/16	80	57	69	8	44	150	.13	79	65	72	.18	NA	NA	.16
3/17	80	57	69	8	53	169	.00	80	67	74	.18	NA	NA	.16
3/18	80	58	69	8	62	188	.00	83	68	76	.22	NA	NA	.15
3/19	80	59	70	9	72	208	.00	84	68	76	.19	NA	NA	.15
3/20	79	58	69	7	81	227	.00	83	68	76	.19	NA	NA	.15
3/21	78	64	71	9	92	248	Trace	79	69	74	.12	NA	NA	.12
3/22	80	47	64	2	96	262	.89	80	61	71	.16	NA	NA	.19
3/23	56	47	52	-10	96	264	1.25	62	59	61	NA	NA	NA	.04
3/24	57	48	53	-10	96	267	.00	60	57	59	.05	NA	NA	.04
3/25	57	47	52	-11	96	269	.00	61	56	59	.04	NA	NA	.05
3/26	73	50	62	-1	98	281	.00	74	56	65	.15	NA	NA	.14
3/27	76	56	66	3	104	297	.00	73	60	67	.12	NA	NA	.14
3/28	80	58	69	5	113	316	.00	78	62	70	.18	NA	NA	.16
3/29	80	67	74	10	127	340	.00	81	67	74	.26	NA	NA	.13
3/30	80	62	71	7	138	361	.96	79	67	73	.22	NA	NA	.15
3/31	78	64	71	7	149	382	.00	80	67	74	.22	NA	NA	.13

AIR TEMPERATURES (in degrees F):
Mean Maximum= 70.5 Mean Minimum= 51.9 Average= 61.2
DFN= -.5 DFN= +2.3 DFN= +.9
Highest= 80 Lowest= 33

PRECIPITATION STATISTICS (inches):
Total= 4.32 DFN= -1.62 Greatest Daily= 1.25 Rain Days= 6

SOIL TEMPERATURES (in degrees F):
Highest= 84 Lowest= 46 Average= 65

AVERAGE DAILY VALUES:
Pan Evaporation= .15 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .11 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
4/ 1	69	43	56	-9	0	6	.00	999	999	NA	NA	NA	NA	.14
4/ 2	68	42	55	-10	0	11	.00	75	57	66	NA	NA	NA	.14
4/ 3	73	44	59	-6	0	20	.00	77	57	67	.19	NA	NA	.17
4/ 4	77	61	69	4	9	39	.00	78	64	71	.16	NA	NA	.14
4/ 5	81	60	71	5	20	60	1.56	81	68	75	NA	NA	NA	.17
4/ 6	73	43	58	-8	20	68	.00	78	59	69	.22	NA	NA	.17
4/ 7	68	43	56	-10	20	74	.00	73	59	66	.24	NA	NA	.14
4/ 8	72	60	66	0	26	90	.00	75	65	70	.25	NA	NA	.11
4/ 9	77	43	60	-6	26	100	.00	78	62	70	.22	NA	NA	.20
4/10	66	46	56	-11	26	106	.00	73	61	67	.15	NA	NA	.12
4/11	50	39	45	-22	26	106	.44	62	52	57	.04	NA	NA	.04
4/12	60	39	50	-17	26	106	.00	69	51	60	.21	NA	NA	.10
4/13	68	42	55	-12	26	111	.00	70	50	60	.16	NA	NA	.15
4/14	75	52	64	-4	30	125	.00	73	57	65	.20	NA	NA	.16
4/15	75	53	64	-4	34	139	.13	72	59	66	.09	NA	NA	.16
4/16	75	54	65	-3	39	154	.00	77	62	70	.19	NA	NA	.15
4/17	75	49	62	-6	41	166	.00	81	62	72	.22	NA	NA	.17
4/18	79	51	65	-4	46	181	.00	85	62	74	.24	NA	NA	.19
4/19	80	54	67	-2	53	198	.00	85	64	75	.19	NA	NA	.19
4/20	82	60	71	2	64	219	.09	87	70	79	.17	NA	NA	.18
4/21	79	59	69	0	73	238	.00	83	69	76	.21	NA	NA	.17
4/22	75	55	65	-5	78	253	.00	81	68	75	.12	NA	NA	.15
4/23	78	56	67	-3	85	270	.00	87	68	78	.22	NA	NA	.17
4/24	79	56	68	-2	93	288	.00	88	69	79	.22	NA	NA	.18
4/25	79	57	68	-2	101	306	.00	90	70	80	.26	NA	NA	.17
4/26	83	60	72	2	113	328	.00	91	70	81	.24	NA	NA	.19
4/27	86	61	74	3	127	352	.00	93	74	84	.26	NA	NA	.21
4/28	84	67	76	5	143	378	.19	93	74	84	.26	NA	NA	.18
4/29	81	65	73	2	156	401	.25	85	73	79	.18	NA	NA	.16
4/30	80	61	71	0	167	422	.22	80	70	75	.08	NA	NA	.17

AIR TEMPERATURES (in degrees F):
Mean Maximum= 74.9 Mean Minimum= 52.5 Average= 63.7
DFN= -3.3 DFN= -4.5 DFN= -3.9
Highest= 86 Lowest= 39

PRECIPITATION STATISTICS (inches):
Total= 2.88 DFN= -2.03 Greatest Daily= 1.56 Rain Days= 7

SOIL TEMPERATURES (in degrees F):
Highest= 93 Lowest= 50 Average= 72

AVERAGE DAILY VALUES:
Pan Evaporation= .19 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .16 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

	AIR TEMPERATURE			GDD				4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
5/ 1	80	63	72	0	12	22	1.27	83	70	77	NA	NA	NA	.16
5/ 2	80	59	70	-2	22	42	.03	81	68	75	.27	NA	NA	.18
5/ 3	80	54	67	-5	29	59	.00	83	66	75	.25	NA	NA	.19
5/ 4	79	57	68	-4	37	77	.00	81	66	74	.19	NA	NA	.18
5/ 5	80	63	72	0	49	99	.03	83	69	76	.20	NA	NA	.17
5/ 6	82	62	72	-1	61	121	.00	85	71	78	.14	NA	NA	.18
5/ 7	84	53	69	-4	70	140	.00	91	71	81	.24	NA	NA	.22
5/ 8	77	52	65	-8	75	155	.00	89	70	80	.26	NA	NA	.18
5/ 9	79	55	67	-6	82	172	.00	87	70	79	.22	NA	NA	.19
5/10	80	72	76	3	98	198	.00	85	75	80	.22	NA	NA	.14
5/11	74	53	64	-10	102	212	.18	77	65	71	.14	NA	NA	.16
5/12	77	49	63	-11	105	225	.00	83	64	74	.26	NA	NA	.19
5/13	78	54	66	-8	111	241	.00	83	64	74	.18	NA	NA	.18
5/14	78	54	66	-8	117	257	.05	87	64	76	.20	NA	NA	.18
5/15	79	61	70	-4	127	277	.00	80	68	74	.12	NA	NA	.17
5/16	83	65	74	-1	141	301	.00	91	70	81	.23	NA	NA	.18
5/17	84	65	75	0	156	326	.00	89	75	82	.21	NA	NA	.19
5/18	86	65	76	1	172	352	.00	90	75	83	.24	NA	NA	.20
5/19	88	67	78	3	190	380	1.95	88	74	81	NA	NA	NA	.21
5/20	85	68	77	2	207	407	.35	84	74	79	.18	NA	NA	.19
5/21	85	67	76	0	223	433	.44	89	75	82	.26	NA	NA	.19
5/22	78	66	72	-4	235	455	.41	78	73	76	.10	NA	NA	.15
5/23	84	69	77	1	252	482	.00	86	73	80	.20	NA	NA	.18
5/24	86	69	78	2	270	510	2.29	87	75	81	NA	NA	NA	.19
5/25	86	74	80	4	290	540	.00	88	75	82	.25	NA	NA	.17
5/26	85	77	81	4	311	571	.00	86	77	82	.23	NA	NA	.16
5/27	86	75	81	4	332	602	.00	89	77	83	.27	NA	NA	.17
5/28	89	70	80	3	352	632	.00	93	78	86	.30	NA	NA	.21
5/29	91	67	79	2	371	661	.00	96	79	88	.29	NA	NA	.23
5/30	89	68	79	2	390	690	.00	94	79	87	.22	NA	NA	.21
5/31	89	70	80	2	410	720	.00	95	79	87	.22	NA	NA	.21

AIR TEMPERATURES (in degrees F):
Mean Maximum= 82.6 Mean Minimum= 63.3 Average= 73.0
DFN= -2.0 DFN= -.5 DFN= -1.2
Highest= 91 Lowest= 49

PRECIPITATION STATISTICS (inches):
Total= 7.00 DFN= +2.01 Greatest Daily= 2.29 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 96 Lowest= 64 Average= 79

AVERAGE DAILY VALUES:
Pan Evaporation= .22 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .18 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
6/ 1	90	70	80	2	20	30	.00	95	80	88	.24	NA	NA	.21
6/ 2	90	69	80	2	40	60	.00	98	80	89	.27	NA	NA	.22
6/ 3	88	69	79	1	59	89	.08	97	82	90	.25	NA	NA	.20
6/ 4	86	70	78	0	77	117	.00	96	81	89	.23	NA	NA	.19
6/ 5	87	73	80	1	97	147	.00	98	82	90	.27	NA	NA	.19
6/ 6	85	69	77	-2	114	174	1.50	88	77	83	.14	NA	NA	.19
6/ 7	85	66	76	-3	130	200	.02	89	77	83	.22	NA	NA	.20
6/ 8	86	66	76	-3	146	226	1.07	90	76	83	.24	NA	NA	.20
6/ 9	82	68	75	-4	161	251	7.80	77	74	76	NA	NA	NA	.17
6/10	86	68	77	-2	178	278	.00	90	74	82	.23	NA	NA	.20
6/11	87	68	78	-1	196	306	.00	91	76	84	.23	NA	NA	.20
6/12	88	74	81	1	217	337	.00	92	79	86	.27	NA	NA	.19
6/13	88	74	81	1	238	368	Trace	95	80	88	.30	NA	NA	.19
6/14	87	78	83	3	261	401	.00	97	81	89	.29	NA	NA	.17
6/15	87	71	79	-1	280	430	1.69	93	80	87	NA	NA	NA	.19
6/16	77	68	73	-7	293	453	2.16	80	75	78	NA	NA	NA	.14
6/17	83	64	74	-6	307	477	.00	86	75	81	.18	NA	NA	.19
6/18	86	65	76	-4	323	503	.00	89	75	82	.19	NA	NA	.21
6/19	87	72	80	0	343	533	.16	90	78	84	.29	NA	NA	.19
6/20	82	70	76	-5	359	559	.03	83	77	80	.14	NA	NA	.16
6/21	85	73	79	-2	378	588	.02	87	78	83	.15	NA	NA	.17
6/22	85	71	78	-3	396	616	Trace	89	78	84	.21	NA	NA	.18
6/23	86	71	79	-2	415	645	.60	85	78	82	.19	NA	NA	.19
6/24	87	71	79	-2	434	674	.00	87	78	83	.16	NA	NA	.19
6/25	87	69	78	-3	452	702	.31	89	78	84	.15	NA	NA	.20
6/26	88	69	79	-2	471	731	.00	92	78	85	.26	NA	NA	.21
6/27	87	73	80	-1	491	761	.00	88	79	84	.20	NA	NA	.19
6/28	88	73	81	0	512	792	.07	93	79	86	.25	NA	NA	.19
6/29	88	74	81	-1	533	823	.00	90	80	85	.21	NA	NA	.19
6/30	89	71	80	-2	553	853	3.01	88	77	83	NA	NA	NA	.21

AIR TEMPERATURES (in degrees F):
Mean Maximum= 86.2 Mean Minimum= 70.2 Average= 78.2
DFN= -3.4 DFN= +.4 DFN= -1.5
Highest= 90 Lowest= 64

PRECIPITATION STATISTICS (inches):
Total= 18.52 DFN= +12.59 Greatest Daily= 7.80 Rain Days= 14

SOIL TEMPERATURES (in degrees F):
Highest= 98 Lowest= 74 Average= 84

AVERAGE DAILY VALUES:
Pan Evaporation= .22 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .19 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
7/ 1	88	71	80	-2	20	30	.07	86	77	82	.12	NA	NA	.20
7/ 2	87	72	80	-2	40	60	.04	87	77	82	.14	NA	NA	.19
7/ 3	84	71	78	-3	58	88	1.72	85	78	82	.11	NA	NA	.17
7/ 4	84	73	79	-2	77	117	.09	81	78	80	.04	NA	NA	.17
7/ 5	83	73	78	-3	95	145	.44	84	77	81	.14	NA	NA	.16
7/ 6	85	73	79	-2	114	174	.11	90	78	84	.21	NA	NA	.17
7/ 7	86	76	81	0	135	205	.06	90	80	85	.24	NA	NA	.17
7/ 8	88	73	81	0	156	236	.00	94	80	87	.29	NA	NA	.19
7/ 9	88	73	81	0	177	267	.00	94	81	88	.24	NA	NA	.19
7/10	89	72	81	0	198	298	.00	96	81	89	.24	NA	NA	.20
7/11	90	70	80	-1	218	328	.00	95	81	88	.27	NA	NA	.21
7/12	91	73	82	1	240	360	.00	101	83	92	.31	NA	NA	.21
7/13	92	78	85	4	265	395	.00	98	85	92	.23	NA	NA	.20
7/14	90	73	82	1	287	427	.19	99	84	92	.27	NA	NA	.20
7/15	87	75	81	0	308	458	.00	92	83	88	.19	NA	NA	.18
7/16	88	76	82	1	330	490	.08	92	83	88	.22	NA	NA	.18
7/17	87	71	79	-2	349	519	1.24	90	80	85	.25	NA	NA	.19
7/18	89	73	81	-1	370	550	.00	93	80	87	.26	NA	NA	.20
7/19	84	71	78	-4	388	578	.44	86	79	83	.08	NA	NA	.17
7/20	88	77	83	1	411	611	.00	90	79	85	.24	NA	NA	.18
7/21	87	71	79	-3	430	640	1.17	90	79	85	.28	NA	NA	.19
7/22	83	71	77	-5	447	667	.02	81	79	80	.11	NA	NA	.16
7/23	84	70	77	-5	464	694	1.90	85	78	82	.15	NA	NA	.17
7/24	87	72	80	-2	484	724	.21	88	78	83	.18	NA	NA	.19
7/25	88	71	80	-2	504	754	Trace	89	78	84	.16	NA	NA	.20
7/26	90	72	81	-1	525	785	.00	91	78	85	.24	NA	NA	.20
7/27	94	71	83	1	548	818	.13	93	79	86	.23	NA	NA	.23
7/28	88	73	81	-1	569	849	.00	93	79	86	.23	NA	NA	.19
7/29	91	74	83	1	592	882	.00	94	82	88	.22	NA	NA	.20
7/30	91	75	83	1	615	915	.00	93	82	88	.19	NA	NA	.20
7/31	93	73	83	1	638	948	1.01	94	82	88	.21	NA	NA	.22

AIR TEMPERATURES (in degrees F):
Mean Maximum= 87.9 Mean Minimum= 72.8 Average= 80.3
DFN= -2.6 DFN= +.5 DFN= -1.1
Highest= 94 Lowest= 70

PRECIPITATION STATISTICS (inches):
Total= 8.92 DFN= +1.11 Greatest Daily= 1.90 Rain Days= 17

SOIL TEMPERATURES (in degrees F):
Highest= 101 Lowest= 77 Average= 85

AVERAGE DAILY VALUES:
Pan Evaporation= .20 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .19 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
8/ 1	89	72	81	-1	21	31	.37	90	80	85	.15	NA	NA	.20
8/ 2	89	74	82	0	43	63	.00	90	79	85	.16	NA	NA	.19
8/ 3	89	75	82	0	65	95	.00	95	81	88	.25	NA	NA	.19
8/ 4	92	76	84	2	89	129	.00	95	81	88	.28	NA	NA	.20
8/ 5	93	76	85	3	114	164	.00	98	85	92	.41	NA	NA	.21
8/ 6	93	75	84	2	138	198	.00	100	85	93	.22	NA	NA	.21
8/ 7	93	75	84	2	162	232	.00	102	87	95	.20	NA	NA	.21
8/ 8	91	72	82	0	184	264	.19	101	85	93	.29	NA	NA	.21
8/ 9	76	62	69	-13	193	283	.05	86	77	82	.15	NA	NA	.14
8/10	84	62	73	-9	206	306	.00	91	76	84	.20	NA	NA	.19
8/11	87	67	77	-5	223	333	.00	90	79	85	.20	NA	NA	.20
8/12	87	66	77	-5	240	360	.00	93	80	87	.20	NA	NA	.20
8/13	87	65	76	-6	256	386	.00	94	80	87	.20	NA	NA	.20
8/14	88	66	77	-4	273	413	.00	94	81	88	.20	NA	NA	.20
8/15	87	66	77	-4	290	440	.52	95	80	88	.32	NA	NA	.20
8/16	86	68	77	-4	307	467	.00	92	80	86	.20	NA	NA	.18
8/17	88	68	78	-3	325	495	.00	92	80	86	.25	NA	NA	.20
8/18	89	68	79	-2	344	524	.00	93	80	87	.23	NA	NA	.20
8/19	89	69	79	-2	363	553	.00	94	81	88	.22	NA	NA	.20
8/20	88	71	80	-1	383	583	.00	94	81	88	.17	NA	NA	.19
8/21	91	72	82	1	405	615	.16	93	81	87	.15	NA	NA	.20
8/22	90	74	82	1	427	647	.11	90	81	86	.18	NA	NA	.19
8/23	90	74	82	1	449	679	.00	94	81	88	.23	NA	NA	.19
8/24	90	74	82	1	471	711	.00	96	81	89	.26	NA	NA	.19
8/25	92	76	84	3	495	745	.00	83	NA	89	.27	NA	NA	.19
8/26	93	74	84	3	519	779	.00	98	85	92	.23	NA	NA	.20
8/27	93	76	85	4	544	814	.00	100	95	98	.30	NA	NA	.20
8/28	94	73	84	3	568	848	.14	98	83	91	.17	NA	NA	.21
8/29	89	74	82	1	590	880	.00	91	83	87	.14	NA	NA	.18
8/30	89	74	82	1	612	912	.63	87	82	85	.13	NA	NA	.18
8/31	90	75	83	3	635	945	.00	92	82	87	.22	NA	NA	.18

AIR TEMPERATURES (in degrees F):
Mean Maximum= 89.2 Mean Minimum= 71.3 Average= 80.2
DFN= -1.2 DFN= -.5 DFN= -.9
Highest= 94 Lowest= 62

PRECIPITATION STATISTICS (inches):
Total= 2.17 DFN= -3.84 Greatest Daily= .63 Rain Days= 8

SOIL TEMPERATURES (in degrees F):
Highest= 102 Lowest= 76 Average= 88

AVERAGE DAILY VALUES:
Pan Evaporation= .22 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .19 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
9/ 1	92	77	85	5	25	35	.00	94	83	89	.27	NA	NA	.19
9/ 2	93	75	84	4	49	69	.00	95	84	90	.26	NA	NA	.20
9/ 3	97	73	85	5	74	104	.00	95	84	90	.30	NA	NA	.23
9/ 4	92	74	83	3	97	137	.00	96	84	90	.25	NA	NA	.19
9/ 5	89	73	81	1	118	168	.17	92	81	87	.18	NA	NA	.18
9/ 6	86	70	78	-2	136	196	.02	85	79	82	.11	NA	NA	.17
9/ 7	89	70	80	0	156	226	.02	90	79	85	.20	NA	NA	.18
9/ 8	92	71	82	2	178	258	.00	92	79	86	.20	NA	NA	.20
9/ 9	89	72	81	2	199	289	.00	92	82	87	.19	NA	NA	.18
9/10	92	72	82	3	221	321	.00	94	82	88	.19	NA	NA	.20
9/11	89	73	81	2	242	352	.62	90	81	86	.19	NA	NA	.17
9/12	90	72	81	2	263	383	.00	92	81	87	.21	NA	NA	.18
9/13	90	70	80	1	283	413	.00	90	81	86	.21	NA	NA	.19
9/14	90	69	80	1	303	443	.00	90	80	85	.22	NA	NA	.19
9/15	89	70	80	1	323	473	.00	89	80	85	.22	NA	NA	.18
9/16	86	66	76	-2	339	499	.65	89	77	83	.18	NA	NA	.17
9/17	85	62	74	-4	353	523	.00	88	75	82	.24	NA	NA	.18
9/18	85	63	74	-4	367	547	.00	87	74	81	.23	NA	NA	.17
9/19	87	63	75	-3	382	572	.00	86	74	80	.25	NA	NA	.19
9/20	87	64	76	-2	398	598	.00	87	64	76	.21	NA	NA	.18
9/21	85	62	74	-3	412	622	.00	86	75	81	.19	NA	NA	.18
9/22	86	64	75	-2	427	647	.00	88	75	82	.20	NA	NA	.17
9/23	86	63	75	-1	442	672	.00	89	77	83	.19	NA	NA	.18
9/24	80	56	68	-8	450	690	.00	88	76	82	.26	NA	NA	.16
9/25	66	56	61	-15	451	701	.74	76	72	74	.06	NA	NA	.07
9/26	64	60	62	-13	453	713	.93	70	68	69	.05	NA	NA	.05
9/27	69	61	65	-10	458	728	.00	71	70	71	.07	NA	NA	.07
9/28	73	65	69	-6	467	747	.05	72	70	71	.02	NA	NA	.08
9/29	76	65	71	-4	478	768	.03	75	71	73	.08	NA	NA	.10
9/30	73	65	69	-5	487	787	1.26	72	71	72	.03	NA	NA	.08

AIR TEMPERATURES (in degrees F):
Mean Maximum= 84.9 Mean Minimum= 67.2 Average= 76.0
DFN= -2.3 DFN= -1.1 DFN= -1.7
Highest= 97 Lowest= 56

PRECIPITATION STATISTICS (inches):
Total= 4.49 DFN= -2.69 Greatest Daily= 1.26 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 96 Lowest= 64 Average= 82

AVERAGE DAILY VALUES:
Pan Evaporation= .18 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .16 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	75	66	71	-3	11	21	.80	75	72	74	.04	NA	NA	.09
10/ 2	76	60	68	-6	19	39	.00	82	71	77	.16	NA	NA	.12
10/ 3	84	61	73	0	32	62	.00	84	71	78	.18	NA	NA	.16
10/ 4	85	63	74	1	46	86	.00	85	72	79	.19	NA	NA	.16
10/ 5	87	59	73	1	59	109	.00	83	71	77	.19	NA	NA	.19
10/ 6	84	59	72	0	71	131	.00	82	70	76	.15	NA	NA	.17
10/ 7	86	61	74	3	85	155	.00	81	72	77	.08	NA	NA	.17
10/ 8	87	63	75	4	100	180	.02	84	74	79	.18	NA	NA	.17
10/ 9	77	52	65	-6	105	195	.00	78	70	74	.19	NA	NA	.14
10/10	75	52	64	-7	109	209	.00	79	68	74	.15	NA	NA	.13
10/11	80	52	66	-4	115	225	.00	79	68	74	.18	NA	NA	.16
10/12	82	56	69	-1	124	244	.00	81	68	75	.15	NA	NA	.16
10/13	81	63	72	2	136	266	.00	75	70	73	.08	NA	NA	.13
10/14	71	59	65	-4	141	281	.53	72	70	71	.02	NA	NA	.08
10/15	74	59	67	-2	148	298	.02	73	70	72	.09	NA	NA	.10
10/16	82	66	74	5	162	322	.00	76	69	73	.04	NA	NA	.12
10/17	84	71	78	10	180	350	.23	79	74	77	.10	NA	NA	.12
10/18	78	66	72	4	192	372	.68	78	74	76	.06	NA	NA	.10
10/19	66	45	56	-12	192	378	.00	74	62	68	.14	NA	NA	.09
10/20	53	37	45	-22	192	378	.00	63	53	58	.09	NA	NA	.03
10/21	56	33	45	-22	192	378	.00	64	53	59	.11	NA	NA	.06
10/22	65	34	50	-17	192	378	.00	65	52	59	.11	NA	NA	.11
10/23	72	48	60	-7	192	388	.00	68	54	61	.10	NA	NA	.11
10/24	74	47	61	-5	193	399	.00	71	58	65	.11	NA	NA	.13
10/25	77	52	65	-1	198	414	.00	71	59	65	.13	NA	NA	.13
10/26	78	52	65	-1	203	429	.00	71	60	66	.16	NA	NA	.14
10/27	78	53	66	1	209	445	.00	72	60	66	.14	NA	NA	.13
10/28	78	54	66	1	215	461	.00	73	62	68	.14	NA	NA	.13
10/29	81	54	68	4	223	479	.00	75	62	69	.18	NA	NA	.15
10/30	79	54	67	3	230	496	.00	74	62	68	.18	NA	NA	.13
10/31	78	57	68	4	238	514	.00	73	62	68	.12	NA	NA	.12

AIR TEMPERATURES (in degrees F):
Mean Maximum= 76.9 Mean Minimum= 55.1 Average= 66.0
DFN= -2.7 DFN= -2.1 DFN= -2.4
Highest= 87 Lowest= 33

PRECIPITATION STATISTICS (inches):
Total= 2.28 DFN= -.85 Greatest Daily= .80 Rain Days= 6

SOIL TEMPERATURES (in degrees F):
Highest= 85 Lowest= 52 Average= 71

AVERAGE DAILY VALUES:
Pan Evaporation= .13 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .13 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	78	51	65	2	5	15	.00	75	65	70	.16	NA	NA	.13
11/ 2	78	51	65	2	10	30	.27	73	65	69	.08	NA	NA	.13
11/ 3	63	43	53	-10	10	33	.53	65	57	61	.04	NA	NA	.06
11/ 4	65	41	53	-9	10	36	.00	66	55	61	.10	NA	NA	.08
11/ 5	69	46	58	-4	10	44	.00	66	55	61	.08	NA	NA	.09
11/ 6	78	53	66	4	16	60	.00	67	57	62	.07	NA	NA	.12
11/ 7	80	66	73	12	29	83	.43	74	65	70	.12	NA	NA	.10
11/ 8	73	65	69	8	38	102	3.02	69	69	69	NA	NA	NA	.05
11/ 9	73	55	64	3	42	116	1.43	69	65	67	.10	NA	NA	.08
11/10	69	45	57	-4	42	123	.00	69	58	64	.14	NA	NA	.09
11/11	75	46	61	1	43	134	.00	68	58	63	.09	NA	NA	.12
11/12	76	49	63	3	46	147	.00	68	58	63	.11	NA	NA	.12
11/13	75	50	63	3	49	160	.00	68	58	63	.10	NA	NA	.11
11/14	76	54	65	5	54	175	.07	68	58	63	.05	NA	NA	.10
11/15	78	54	66	7	60	191	.11	72	65	69	.08	NA	NA	.12
11/16	79	44	62	3	62	203	1.00	75	59	67	NA	NA	NA	.15
11/17	57	31	44	-15	62	203	.00	64	50	57	.17	NA	NA	.05
11/18	51	33	42	-17	62	203	.02	57	50	54	.07	NA	NA	.01
11/19	61	46	54	-5	62	207	.00	58	53	56	.07	NA	NA	.03
11/20	63	43	53	-5	62	210	.00	60	54	57	.08	NA	NA	.05
11/21	71	45	58	0	62	218	.00	63	54	59	.06	NA	NA	.10
11/22	76	58	67	9	69	235	.00	68	58	63	.07	NA	NA	.09
11/23	76	45	61	3	70	246	.25	70	61	66	.12	NA	NA	.13
11/24	54	32	43	-15	70	246	.00	61	50	56	.13	NA	NA	.03
11/25	59	33	46	-11	70	246	.00	58	50	54	.08	NA	NA	.06
11/26	68	51	60	3	70	256	.00	62	53	58	.04	NA	NA	.06
11/27	77	54	66	9	76	272	.00	65	57	61	.05	NA	NA	.10
11/28	76	61	69	12	85	291	.03	67	60	64	.06	NA	NA	.07
11/29	73	43	58	1	85	299	.60	70	56	63	.16	NA	NA	.11
11/30	56	32	44	-12	85	299	.00	58	48	53	.16	NA	NA	.04

AIR TEMPERATURES (in degrees F):
Mean Maximum= 70.1 Mean Minimum= 47.3 Average= 58.7
DFN= +.1 DFN= -1.2 DFN= -.5
Highest= 80 Lowest= 31

PRECIPITATION STATISTICS (inches):
Total= 7.76 DFN= +4.01 Greatest Daily= 3.02 Rain Days= 12

SOIL TEMPERATURES (in degrees F):
Highest= 75 Lowest= 48 Average= 62

AVERAGE DAILY VALUES:
Pan Evaporation= .09 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .09 (in)

Daily Weather Observations: Gulf Coast Substation, Fairhope

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	58	33	46	-10	0	0	.00	54	47	51	.11	NA	NA	.05
12/ 2	60	46	53	-3	0	3	.00	57	51	54	.09	NA	NA	.02
12/ 3	59	40	50	-6	0	3	.00	54	50	52	.10	NA	NA	.03
12/ 4	51	27	39	-17	0	3	.00	51	44	48	.10	NA	NA	.02
12/ 5	48	28	38	-17	0	3	.00	49	43	46	NA	NA	NA	.00
12/ 6	63	42	53	-2	0	6	.00	54	44	49	.07	NA	NA	.05
12/ 7	72	60	66	11	6	22	.71	60	54	57	.05	NA	NA	.05
12/ 8	68	60	64	9	10	36	1.33	64	60	62	NA	NA	NA	.02
12/ 9	61	36	49	-6	10	36	.09	63	51	57	.09	NA	NA	.05
12/10	41	28	35	-20	10	36	.00	52	45	49	NA	NA	NA	.00
12/11	55	29	42	-12	10	36	.00	52	44	48	NA	NA	NA	.04
12/12	70	48	59	5	10	45	.11	58	50	54	.06	NA	NA	.07
12/13	48	27	38	-16	10	45	.52	56	43	50	NA	NA	NA	.00
12/14	46	27	37	-17	10	45	.00	48	41	45	NA	NA	NA	.00
12/15	55	27	41	-13	10	45	.03	49	40	45	NA	NA	NA	.04
12/16	69	24	47	-7	10	45	.15	56	42	49	NA	NA	NA	.14
12/17	40	25	33	-21	10	45	.00	45	40	43	NA	NA	NA	.00
12/18	40	29	35	-18	10	45	.14	42	39	41	NA	NA	NA	.00
12/19	46	38	42	-11	10	45	.05	45	42	44	NA	NA	NA	.00
12/20	49	40	45	-8	10	45	.63	48	45	47	NA	NA	NA	.00
12/21	43	37	40	-13	10	45	.00	46	46	46	.02	NA	NA	.00
12/22	53	22	38	-15	10	45	.00	51	40	46	NA	NA	NA	.05
12/23	23	9	16	-37	10	45	.00	40	35	38	NA	NA	NA	.00
12/24	25	9	17	-36	10	45	.00	35	33	34	NA	NA	NA	.00
12/25	33	11	22	-31	10	45	.00	33	33	33	NA	NA	NA	.00
12/26	43	28	36	-16	10	45	.00	33	33	33	NA	NA	NA	.00
12/27	59	34	47	-5	10	45	.00	43	33	38	NA	NA	NA	.05
12/28	62	35	49	-3	10	45	.00	46	39	43	NA	NA	NA	.06
12/29	66	37	52	NA	10	47	.00	52	43	48	.10	NA	NA	.08
12/30	68	54	61	9	11	58	.03	55	49	52	.03	NA	NA	.04
12/31	70	60	65	13	16	73	1.42	61	52	57	NA	NA	NA	.03

AIR TEMPERATURES (in degrees F):
Mean Maximum= 53.0 Mean Minimum= 33.9 Average= 43.5
DFN= -10.8 DFN= -9.4 DFN= -10.1
Highest= 72 Lowest= 9

PRECIPITATION STATISTICS (inches):
Total= 5.21 DFN= +.13 Greatest Daily= 1.42 Rain Days= 12

SOIL TEMPERATURES (in degrees F):
Highest= 64 Lowest= 33 Average= 47

AVERAGE DAILY VALUES:
Pan Evaporation= .07 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .03 (in)

Daily Weather Observations: Wiregrass Substation, Headland

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
1/ 1	70	59	65	17	5	15	.64	60	57	59	.14	NA	NA	.04
1/ 2	72	41	57	9	5	22	.00	62	55	59	.07	NA	NA	.11
1/ 3	68	56	62	14	7	34	.00	53	50	52	.03	NA	NA	.03
1/ 4	76	39	58	10	7	42	.00	60	53	57	.12	NA	NA	.14
1/ 5	58	31	45	-3	7	42	.00	52	50	51	.09	NA	NA	.05
1/ 6	61	56	59	11	7	51	.00	52	48	50	.04	NA	NA	.00
1/ 7	76	57	67	19	14	68	.05	58	52	55	.02	NA	NA	.08
1/ 8	75	60	68	20	22	86	.00	61	58	60	.14	NA	NA	.07
1/ 9	80	43	62	14	24	98	.45	62	58	60	NA	NA	NA	.15
1/10	54	43	49	1	24	98	.80	60	55	58	NA	NA	NA	.00
1/11	63	47	55	7	24	103	.05	53	51	52	.10	NA	NA	.03
1/12	58	47	53	5	24	106	.00	59	55	57	NA	NA	NA	.00
1/13	70	56	63	15	27	119	.00	60	55	58	NA	NA	NA	.05
1/14	73	51	62	14	29	131	.06	61	59	60	.04	NA	NA	.08
1/15	70	54	62	14	31	143	.04	60	59	60	.05	NA	NA	.06
1/16	71	39	55	7	31	148	.00	62	55	59	.06	NA	NA	.11
1/17	57	32	45	-3	31	148	.00	52	50	51	.07	NA	NA	.04
1/18	60	33	47	-1	31	148	.00	53	50	52	.08	NA	NA	.06
1/19	68	36	52	4	31	150	.00	52	50	51	.05	NA	NA	.10
1/20	60	43	52	4	31	152	.22	53	50	52	.04	NA	NA	.03
1/21	56	35	46	-2	31	152	.11	55	48	52	.11	NA	NA	.03
1/22	50	36	43	-5	31	152	.00	50	49	50	.13	NA	NA	.00
1/23	61	33	47	-1	31	152	.00	50	48	49	.05	NA	NA	.07
1/24	67	34	51	3	31	153	.00	50	46	48	.06	NA	NA	.11
1/25	71	39	55	7	31	158	.00	51	49	50	.08	NA	NA	.12
1/26	74	39	57	9	31	165	.00	52	48	50	.06	NA	NA	.14
1/27	75	44	60	12	31	175	.00	57	49	53	.06	NA	NA	.13
1/28	69	36	53	5	31	178	.00	58	51	55	.13	NA	NA	.11
1/29	70	37	54	6	31	182	.00	51	48	50	.06	NA	NA	.12
1/30	78	60	69	20	40	201	.00	57	52	55	.03	NA	NA	.10
1/31	75	40	58	9	40	209	.35	60	54	57	.09	NA	NA	.14

AIR TEMPERATURES (in degrees F):
Mean Maximum= 67.3 Mean Minimum= 43.7 Average= 55.5
DFN= +8.5 DFN= +6.7 DFN= +7.6
Highest= 80 Lowest= 31

PRECIPITATION STATISTICS (inches):
Total= 2.77 DFN= -2.50 Greatest Daily= .80 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 62 Lowest= 46 Average= 54

AVERAGE DAILY VALUES:
Pan Evaporation= .07 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .07 (in)

Daily Weather Observations: Wiregrass Substation, Headland

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
2/ 1	72	42	57	8	0	7	.00	58	54	56	.06	NA	NA	.12
2/ 2	82	60	71	22	11	28	.00	61	60	61	.07	NA	NA	.12
2/ 3	82	57	70	21	21	48	.00	62	60	61	.10	NA	NA	.13
2/ 4	79	49	64	15	25	62	.02	63	60	62	NA	NA	NA	.14
2/ 5	60	47	54	5	25	66	.00	60	58	59	.16	NA	NA	.03
2/ 6	73	63	68	18	33	84	.04	60	58	59	.02	NA	NA	.06
2/ 7	68	42	55	5	33	89	.32	62	58	60	.11	NA	NA	.10
2/ 8	53	34	44	-6	33	89	.03	57	50	54	.09	NA	NA	.03
2/ 9	54	30	42	-8	33	89	.00	50	46	48	NA	NA	NA	.05
2/10	48	24	36	-14	33	89	.00	48	44	46	NA	NA	NA	.03
2/11	52	24	38	-13	33	89	.00	47	43	45	NA	NA	NA	.05
2/12	61	36	49	-2	33	89	.00	49	45	47	.06	NA	NA	.07
2/13	70	40	55	4	33	94	.00	55	47	51	.10	NA	NA	.12
2/14	78	44	61	10	34	105	.00	55	49	52	.09	NA	NA	.16
2/15	80	55	68	17	42	123	.00	NA	NA	NA	NA	NA	NA	.14
2/16	82	53	68	17	50	141	.00	62	54	58	NA	NA	NA	.16
2/17	83	55	69	18	59	160	.00	65	56	61	.12	NA	NA	.16
2/18	66	39	53	1	59	163	.00	59	56	58	.04	NA	NA	.10
2/19	45	37	41	-11	59	163	.10	57	53	55	.03	NA	NA	.00
2/20	49	39	44	-8	59	163	.00	52	52	52	.01	NA	NA	.00
2/21	68	55	62	10	61	175	2.08	58	50	54	.06	NA	NA	.07
2/22	60	41	51	-1	61	176	.71	60	53	57	NA	NA	NA	.06
2/23	46	25	36	-17	61	176	.00	52	44	48	NA	NA	NA	.02
2/24	34	19	27	-26	61	176	.00	43	38	41	NA	NA	NA	.00
2/25	44	21	33	-20	61	176	.00	41	36	39	NA	NA	NA	.02
2/26	57	27	42	-11	61	176	.00	47	39	43	NA	NA	NA	.09
2/27	69	47	58	4	61	184	.00	53	48	51	.04	NA	NA	.10
2/28	76	53	65	11	66	199	.05	57	50	54	.11	NA	NA	.13

AIR TEMPERATURES (in degrees F):
Mean Maximum= 64.0 Mean Minimum= 41.4 Average= 52.7
DFN= +1.7 DFN= +2.1 DFN= +1.9
Highest= 83 Lowest= 19

PRECIPITATION STATISTICS (inches):
Total= 3.35 DFN= -1.61 Greatest Daily= 2.08 Rain Days= 8

SOIL TEMPERATURES (in degrees F):
Highest= 65 Lowest= 36 Average= 53

AVERAGE DAILY VALUES:
Pan Evaporation= .07 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .08 (in)

Daily Weather Observations: Wiregrass Substation, Headland

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
3/ 1	71	48	60	6	0	10	.25	56	54	55	.13	NA	NA	.11
3/ 2	71	46	59	5	0	19	.07	55	54	55	.02	NA	NA	.12
3/ 3	52	45	49	-6	0	19	1.28	52	52	52	NA	NA	NA	.00
3/ 4	64	47	56	1	0	25	.03	57	51	54	.11	NA	NA	.07
3/ 5	76	55	66	11	6	41	.01	62	56	59	.01	NA	NA	.13
3/ 6	84	41	63	8	9	54	.08	66	59	63	.16	NA	NA	.22
3/ 7	55	34	45	-11	9	54	.00	55	50	53	.15	NA	NA	.06
3/ 8	42	35	39	-17	9	54	.01	49	49	49	.06	NA	NA	.00
3/ 9	47	34	41	-15	9	54	.00	52	45	49	.04	NA	NA	.01
3/10	64	36	50	-6	9	54	.00	55	45	50	.14	NA	NA	.11
3/11	70	39	55	-2	9	59	.00	59	47	53	.14	NA	NA	.14
3/12	79	46	63	6	12	72	.00	63	52	58	.20	NA	NA	.18
3/13	85	51	68	11	20	90	.00	64	55	60	.19	NA	NA	.20
3/14	86	55	71	14	31	111	.00	68	56	62	.21	NA	NA	.20
3/15	88	57	73	15	44	134	.00	70	62	66	.21	NA	NA	.20
3/16	86	62	74	16	58	158	.00	74	62	68	.16	NA	NA	.18
3/17	77	53	65	7	63	173	.09	70	62	66	.11	NA	NA	.15
3/18	85	54	70	12	73	193	.00	72	60	66	.16	NA	NA	.20
3/19	85	55	70	11	83	213	.00	73	61	67	.20	NA	NA	.19
3/20	82	56	69	10	92	232	.00	72	61	67	.14	NA	NA	.17
3/21	83	61	72	13	104	254	.00	70	64	67	.12	NA	NA	.16
3/22	71	50	61	1	105	265	1.10	65	60	63	.13	NA	NA	.12
3/23	58	46	52	-8	105	267	1.13	61	56	59	.05	NA	NA	.05
3/24	51	42	47	-13	105	267	.11	58	54	56	.02	NA	NA	.02
3/25	57	43	50	-10	105	267	.00	56	55	56	NA	NA	NA	.06
3/26	65	41	53	-8	105	270	.00	57	43	50	.16	NA	NA	.12
3/27	78	49	64	3	109	284	.00	65	54	60	.07	NA	NA	.18
3/28	85	54	70	9	119	304	.00	78	58	68	.14	NA	NA	.20
3/29	88	57	73	11	132	327	.00	72	60	66	.18	NA	NA	.21
3/30	88	59	74	12	146	351	.99	72	62	67	.25	NA	NA	.21
3/31	83	61	72	10	158	373	.00	75	65	70	.20	NA	NA	.17

AIR TEMPERATURES (in degrees F):
Mean Maximum= 72.8 Mean Minimum= 48.8 Average= 60.8
DFN= +3.2 DFN= +2.8 DFN= +3.0
Highest= 88 Lowest= 34

PRECIPITATION STATISTICS (inches):
Total= 5.15 DFN= -.29 Greatest Daily= 1.28 Rain Days= 12

SOIL TEMPERATURES (in degrees F):
Highest= 78 Lowest= 43 Average= 60

AVERAGE DAILY VALUES:
Pan Evaporation= .13 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .13 (in)

Daily Weather Observations: Wiregrass Substation, Headland

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
4/ 1	70	39	55	-8	0	5	.00	68	53	61	.17	NA	NA	.16
4/ 2	67	38	53	-10	0	8	.00	68	55	62	.19	NA	NA	.14
4/ 3	80	50	65	2	5	23	.00	70	50	60	.35	NA	NA	.19
4/ 4	86	53	70	6	15	43	.00	72	60	66	.22	NA	NA	.22
4/ 5	88	58	73	9	28	66	1.12	74	65	70	.29	NA	NA	.22
4/ 6	72	40	56	-8	28	72	.04	78	56	67	.18	NA	NA	.17
4/ 7	70	41	56	-9	28	78	.00	67	60	64	.25	NA	NA	.16
4/ 8	67	42	55	-10	28	83	.00	67	59	63	.27	NA	NA	.14
4/ 9	81	48	65	0	33	98	.10	67	57	62	.07	NA	NA	.21
4/10	61	44	53	-13	33	101	.17	64	58	61	.10	NA	NA	.09
4/11	49	37	43	-23	33	101	1.01	57	50	54	.07	NA	NA	.04
4/12	61	35	48	-18	33	101	.01	64	49	57	.15	NA	NA	.12
4/13	67	45	56	-10	33	107	.00	68	52	60	.23	NA	NA	.13
4/14	73	46	60	-7	33	117	.00	71	58	65	.17	NA	NA	.16
4/15	78	50	64	-3	37	131	.26	68	58	63	.05	NA	NA	.18
4/16	75	50	63	-4	40	144	.00	69	60	65	.16	NA	NA	.17
4/17	78	48	63	-4	43	157	.00	75	60	68	.30	NA	NA	.19
4/18	86	50	68	0	51	175	.00	75	60	68	.21	NA	NA	.24
4/19	86	58	72	4	63	197	.00	78	65	72	.29	NA	NA	.21
4/20	86	60	73	5	76	220	.00	75	70	73	.21	NA	NA	.21
4/21	82	55	69	1	85	239	.00	76	68	72	.18	NA	NA	.20
4/22	78	55	67	-2	92	256	.00	77	65	71	NA	NA	NA	.17
4/23	86	57	72	3	104	278	.00	78	65	72	.11	NA	NA	.22
4/24	88	60	74	5	118	302	.00	80	68	74	.21	NA	NA	.22
4/25	87	60	74	5	132	326	.00	80	68	74	.25	NA	NA	.22
4/26	89	61	75	6	147	351	.00	82	70	76	.24	NA	NA	.23
4/27	90	62	76	7	163	377	.00	81	69	75	.30	NA	NA	.23
4/28	93	63	78	8	181	405	.00	83	71	77	.21	NA	NA	.25
4/29	90	65	78	8	199	433	.00	80	70	75	.19	NA	NA	.22
4/30	89	64	77	7	216	460	.29	79	70	75	.16	NA	NA	.22

AIR TEMPERATURES (in degrees F):
Mean Maximum= 78.4 Mean Minimum= 51.1 Average= 64.8
DFN= -.4 DFN= -3.4 DFN= -1.9
Highest= 93 Lowest= 35

PRECIPITATION STATISTICS (inches):
Total= 3.00 DFN= -1.58 Greatest Daily= 1.12 Rain Days= 8

SOIL TEMPERATURES (in degrees F):
Highest= 83 Lowest= 49 Average= 67

AVERAGE DAILY VALUES:
Pan Evaporation= .20 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .18 (in)

Daily Weather Observations: Wiregrass Substation, Headland

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
5/ 1	86	64	75	5	15	25	.75	78	70	74	NA	NA	NA	.20
5/ 2	75	56	66	-5	21	41	1.32	72	65	69	NA	NA	NA	.16
5/ 3	78	50	64	-7	25	55	.00	75	60	68	.31	NA	NA	.19
5/ 4	78	54	66	-5	31	71	.00	78	62	70	.22	NA	NA	.18
5/ 5	88	58	73	2	44	94	.00	78	66	72	.24	NA	NA	.23
5/ 6	86	59	73	1	57	117	.38	77	69	73	.21	NA	NA	.22
5/ 7	81	48	65	-7	62	132	.00	75	64	70	.34	NA	NA	.22
5/ 8	74	48	61	-11	63	143	.00	75	64	70	.32	NA	NA	.18
5/ 9	83	53	68	-4	71	161	.00	78	64	71	.21	NA	NA	.22
5/10	85	63	74	1	85	185	.48	NA	NA	NA	.09	NA	NA	.20
5/11	75	50	63	-10	88	198	.00	72	62	67	.22	NA	NA	.18
5/12	75	48	62	-11	90	210	.00	72	63	68	.35	NA	NA	.18
5/13	79	52	66	-7	96	226	.00	75	62	69	.32	NA	NA	.20
5/14	84	56	70	-3	106	246	.00	76	66	71	.21	NA	NA	.22
5/15	80	55	68	-6	114	264	.00	75	66	71	.03	NA	NA	.19
5/16	85	58	72	-2	126	286	.00	76	66	71	.13	NA	NA	.22
5/17	85	60	73	-1	139	309	.00	79	70	75	.26	NA	NA	.21
5/18	90	64	77	3	156	336	.00	84	70	77	.26	NA	NA	.23
5/19	88	65	77	3	173	363	.00	81	71	76	.25	NA	NA	.21
5/20	84	61	73	-1	186	386	.00	76	70	73	.19	NA	NA	.20
5/21	84	63	74	-1	200	410	.95	75	70	73	.01	NA	NA	.20
5/22	80	64	72	-3	212	432	.00	75	70	73	.17	NA	NA	.17
5/23	89	67	78	3	230	460	.49	80	70	75	.10	NA	NA	.22
5/24	83	61	72	-3	242	482	1.21	75	70	73	NA	NA	NA	.20
5/25	89	64	77	2	259	509	.00	81	70	76	.15	NA	NA	.23
5/26	93	72	83	7	282	542	.00	82	72	77	.24	NA	NA	.23
5/27	94	72	83	7	305	575	.00	85	76	81	.29	NA	NA	.23
5/28	94	67	81	5	326	606	.00	86	76	81	.35	NA	NA	.25
5/29	90	66	78	2	344	634	.00	86	75	81	.30	NA	NA	.23
5/30	89	67	78	2	362	662	.00	89	74	82	.25	NA	NA	.22
5/31	91	68	80	3	382	692	.00	86	77	82	.25	NA	NA	.23

AIR TEMPERATURES (in degrees F):
Mean Maximum= 84.4 Mean Minimum= 59.8 Average= 72.1
DFN= -.5 DFN= -2.0 DFN= -1.2
Highest= 94 Lowest= 48

PRECIPITATION STATISTICS (inches):
Total= 5.58 DFN= +1.23 Greatest Daily= 1.32 Rain Days= 7

SOIL TEMPERATURES (in degrees F):
Highest= 89 Lowest= 60 Average= 73

AVERAGE DAILY VALUES:
Pan Evaporation= .22 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .21 (in)

Daily Weather Observations: Wiregrass Substation, Headland

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
6/ 1	96	70	83	6	23	33	.00	88	76	82	.28	NA	NA	.25
6/ 2	96	70	83	6	46	66	.00	88	78	83	.31	NA	NA	.25
6/ 3	92	62	77	0	63	93	.00	87	79	83	.36	NA	NA	.25
6/ 4	94	70	82	5	85	125	.00	88	78	83	.22	NA	NA	.24
6/ 5	91	65	78	0	103	153	.00	84	78	81	.19	NA	NA	.24
6/ 6	90	66	78	0	121	181	.20	87	80	84	.22	NA	NA	.23
6/ 7	85	65	75	-3	136	206	.03	80	74	77	.13	NA	NA	.20
6/ 8	88	65	77	-1	153	233	.11	85	75	80	.27	NA	NA	.22
6/ 9	78	61	70	-8	163	253	3.62	79	75	77	NA	NA	NA	.17
6/10	89	66	78	0	181	281	.00	85	74	80	.25	NA	NA	.22
6/11	90	67	79	0	200	310	.00	82	79	81	.16	NA	NA	.23
6/12	91	64	78	-1	218	338	1.27	86	75	81	NA	NA	NA	.24
6/13	91	68	80	1	238	368	.00	88	75	82	.22	NA	NA	.23
6/14	92	69	81	2	259	399	.43	88	77	83	.25	NA	NA	.23
6/15	91	72	82	3	281	431	.00	89	78	84	.29	NA	NA	.22
6/16	83	66	75	-4	296	456	2.07	80	75	78	NA	NA	NA	.18
6/17	73	66	70	-9	306	476	1.14	71	70	71	.11	24	NA	.12
6/18	88	69	79	0	325	505	.88	83	74	79	.18	17	NA	.21
6/19	86	68	77	-2	342	532	1.26	80	75	78	NA	15	NA	.20
6/20	84	66	75	-5	357	557	.26	78	75	77	.11	17	NA	.19
6/21	83	68	76	-4	373	583	.06	80	75	78	.17	12	NA	.18
6/22	85	67	76	-4	389	609	.00	82	75	79	.15	9	NA	.19
6/23	89	65	77	-3	406	636	.00	84	76	80	.17	10	NA	.23
6/24	88	67	78	-2	424	664	.00	84	75	80	.17	NA	NA	.21
6/25	92	68	80	0	444	694	.00	88	79	84	.22	8	NA	.23
6/26	92	69	81	1	465	725	.00	88	80	84	.11	12	NA	.23
6/27	92	70	81	1	486	756	.16	89	80	85	.33	16	NA	.23
6/28	92	71	82	2	508	788	.00	90	78	84	.26	8	NA	.23
6/29	93	70	82	2	530	820	.08	90	78	84	.08	15	NA	.23
6/30	91	68	80	0	550	850	.00	87	80	84	.21	9	NA	.23

AIR TEMPERATURES (in degrees F):
Mean Maximum= 88.8 Mean Minimum= 67.3 Average= 78.0
DFN= -1.1 DFN= -.3 DFN= -.7
Highest= 96 Lowest= 61

PRECIPITATION STATISTICS (inches):
Total= 11.57 DFN= +6.95 Greatest Daily= 3.62 Rain Days= 14

SOIL TEMPERATURES (in degrees F):
Highest= 90 Lowest= 70 Average= 81

AVERAGE DAILY VALUES:
Pan Evaporation= .21 (in) Hours of Wet Vegetation= 12.3
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .22 (in)

Daily Weather Observations: Wiregrass Substation, Headland

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
7/ 1	89	69	79	-2	19	29	.20	85	80	83	.34	11	NA	.21
7/ 2	92	68	80	-1	39	59	.78	86	78	82	.13	16	NA	.23
7/ 3	86	68	77	-4	56	86	1.03	82	78	80	.15	16	NA	.20
7/ 4	89	70	80	-1	76	116	.27	84	79	82	.23	13	NA	.21
7/ 5	89	68	79	-2	95	145	.58	84	77	81	NA	16	NA	.21
7/ 6	83	71	77	-4	112	172	.34	81	78	80	.12	17	NA	.17
7/ 7	88	70	79	-2	131	201	.59	82	78	80	NA	10	NA	.20
7/ 8	92	70	81	0	152	232	.00	89	77	83	.21	8	NA	.23
7/ 9	92	70	81	0	173	263	.00	89	79	84	.25	10	NA	.23
7/10	93	68	81	0	194	294	.00	89	80	85	.24	10	NA	.24
7/11	93	70	82	1	216	326	.00	90	80	85	.26	4	NA	.23
7/12	94	70	82	1	238	358	.00	92	81	87	.32	NA	NA	.24
7/13	92	70	81	0	259	389	.00	90	82	86	.28	1	NA	.23
7/14	92	68	80	0	279	419	.45	88	80	84	.19	18	NA	.23
7/15	87	70	79	-1	298	448	.20	84	79	82	.18	16	NA	.19
7/16	85	70	78	-2	316	476	.69	82	79	81	.10	11	NA	.18
7/17	89	66	78	-3	334	504	.13	86	78	82	.15	12	NA	.22
7/18	87	66	77	-4	351	531	.00	85	78	82	.18	8	NA	.21
7/19	90	69	80	-1	371	561	.00	86	78	82	.20	8	NA	.22
7/20	91	70	81	0	392	592	.18	85	80	83	.16	15	NA	.22
7/21	86	67	77	-4	409	619	.28	84	78	81	.15	15	NA	.20
7/22	82	68	75	-6	424	644	.26	80	79	80	.06	NA	NA	.17
7/23	87	66	77	-4	441	671	.16	81	77	79	.04	NA	NA	.21
7/24	84	69	77	-4	458	698	.01	82	76	79	.24	NA	NA	.18
7/25	90	66	78	-3	476	726	1.00	84	77	81	.16	NA	NA	.22
7/26	92	70	81	0	497	757	.00	87	76	82	.27	NA	NA	.22
7/27	92	68	80	-1	517	787	.00	87	80	84	.25	NA	NA	.23
7/28	93	69	81	0	538	818	.00	87	79	83	.24	NA	NA	.23
7/29	94	72	83	2	561	851	.00	87	80	84	.25	5	NA	.23
7/30	94	71	83	2	584	884	.00	87	82	85	.24	NA	NA	.23
7/31	94	70	82	1	606	916	.00	88	81	85	.22	NA	NA	.23

AIR TEMPERATURES (in degrees F):
Mean Maximum= 89.7 Mean Minimum= 68.9 Average= 79.3
DFN= -1.2 DFN= -1.1 DFN= -1.1
Highest= 94 Lowest= 66

PRECIPITATION STATISTICS (inches):
Total= 7.15 DFN= +1.20 Greatest Daily= 1.03 Rain Days= 17

SOIL TEMPERATURES (in degrees F):
Highest= 92 Lowest= 76 Average= 82

AVERAGE DAILY VALUES:
Pan Evaporation= .20 (in) Hours of Wet Vegetation= 10.9
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .21 (in)

Daily Weather Observations: Wiregrass Substation, Headland

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
8/ 1	93	69	81	0	21	31	.00	90	82	86	.22	NA	NA	.23
8/ 2	95	72	84	3	45	65	.00	90	81	86	.24	4	NA	.23
8/ 3	94	70	82	1	67	97	.00	88	82	85	.21	8	NA	.23
8/ 4	94	69	82	1	89	129	.00	88	80	84	.30	5	NA	.24
8/ 5	95	70	83	2	112	162	.00	97	72	85	.23	NA	NA	.24
8/ 6	91	80	86	5	138	198	.00	95	72	84	.30	NA	NA	.18
8/ 7	95	68	82	1	160	230	.00	90	82	86	.31	NA	NA	.24
8/ 8	94	66	80	-1	180	260	.00	90	81	86	.30	NA	NA	.24
8/ 9	74	61	68	-13	188	278	.25	84	75	80	.12	NA	NA	.13
8/10	86	62	74	-7	202	302	.00	84	75	80	.20	NA	NA	.21
8/11	83	61	72	-9	214	324	.00	82	75	79	.10	NA	NA	.19
8/12	87	61	74	-7	228	348	.00	85	75	80	.19	NA	NA	.21
8/13	86	62	74	-7	242	372	.00	82	75	79	.10	NA	NA	.20
8/14	84	63	74	-7	256	396	.00	80	74	77	.06	NA	NA	.19
8/15	86	66	76	-5	272	422	.51	80	75	78	.18	NA	NA	.19
8/16	85	65	75	-6	287	447	.07	82	75	79	.17	NA	NA	.19
8/17	89	66	78	-2	305	475	.00	85	76	81	.20	NA	NA	.21
8/18	91	67	79	-1	324	504	.00	84	76	80	.26	NA	NA	.22
8/19	91	67	79	-1	343	533	.00	83	78	81	.26	NA	NA	.22
8/20	91	67	79	-1	362	562	.00	83	79	81	.19	NA	NA	.22
8/21	92	69	81	1	383	593	.00	85	80	83	.20	NA	NA	.22
8/22	94	70	82	2	405	625	.00	85	80	83	.19	NA	NA	.23
8/23	96	71	84	4	429	659	.00	86	79	83	.22	NA	NA	.23
8/24	96	71	84	4	453	693	.00	88	81	85	.27	NA	NA	.23
8/25	97	71	84	4	477	727	.00	80	NA	NA	.29	NA	NA	.24
8/26	98	71	85	5	502	762	.00	85	81	83	.30	NA	NA	.25
8/27	97	70	84	4	526	796	.15	85	80	83	.16	NA	NA	.24
8/28	97	70	84	4	550	830	.11	86	80	83	.25	NA	NA	.24
8/29	92	70	81	1	571	861	.00	85	80	83	.14	NA	NA	.21
8/30	93	68	81	1	592	892	.00	84	76	80	.18	1	NA	.22
8/31	93	70	82	2	614	924	.00	85	80	83	.18	NA	NA	.21

AIR TEMPERATURES (in degrees F):
Mean Maximum= 91.3 Mean Minimum= 67.8 Average= 79.5
DFN= +.7 DFN= -1.8 DFN= -.5
Highest= 98 Lowest= 61

PRECIPITATION STATISTICS (inches):
Total= 1.09 DFN= -3.87 Greatest Daily= .51 Rain Days= 5

SOIL TEMPERATURES (in degrees F):
Highest= 97 Lowest= 72 Average= 82

AVERAGE DAILY VALUES:
Pan Evaporation= .21 (in) Hours of Wet Vegetation= 2.3
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .22 (in)

Daily Weather Observations: Wiregrass Substation, Headland

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
9/ 1	97	70	84	4	24	34	2.30	83	79	81	.31	NA	NA	.24
9/ 2	93	69	81	2	45	65	.92	84	76	80	NA	NA	NA	.22
9/ 3	95	69	82	3	67	97	.39	85	78	82	.20	NA	NA	.23
9/ 4	94	70	82	3	89	129	.00	85	79	82	.26	NA	NA	.22
9/ 5	86	64	75	-4	104	154	.00	82	76	79	.20	NA	NA	.19
9/ 6	87	65	76	-3	120	180	.00	82	78	80	.20	NA	NA	.19
9/ 7	91	67	79	0	139	209	.00	81	77	79	.20	NA	NA	.21
9/ 8	89	68	79	0	158	238	.00	83	78	81	.16	NA	NA	.19
9/ 9	90	66	78	-1	176	266	.00	84	78	81	.22	NA	NA	.20
9/10	92	67	80	2	196	296	.00	84	77	81	.19	NA	NA	.21
9/11	94	69	82	4	218	328	.00	84	78	81	.19	NA	NA	.22
9/12	93	66	80	2	238	358	.00	84	78	81	.21	NA	NA	.22
9/13	93	64	79	1	257	387	.00	85	78	82	.19	NA	NA	.22
9/14	93	66	80	2	277	417	.00	85	78	82	.19	NA	NA	.22
9/15	94	67	81	4	298	448	.00	85	79	82	.17	NA	NA	.22
9/16	88	68	78	1	316	476	.27	80	78	79	.16	NA	NA	.18
9/17	85	58	72	-5	328	498	.00	80	75	78	.11	NA	NA	.19
9/18	87	57	72	-5	340	520	.00	80	72	76	.20	NA	NA	.21
9/19	88	59	74	-3	354	544	.00	79	72	76	.21	NA	NA	.20
9/20	85	56	71	-5	365	565	.00	78	72	75	.15	NA	NA	.19
9/21	84	57	71	-5	376	586	.00	77	71	74	.16	NA	NA	.18
9/22	87	59	73	-2	389	609	.00	78	71	75	.25	NA	NA	.20
9/23	87	60	74	-1	403	633	.00	79	72	76	.16	NA	NA	.19
9/24	85	55	70	-5	413	653	.00	79	72	76	.19	NA	NA	.19
9/25	71	53	62	-12	415	665	.41	71	69	70	.18	NA	NA	.11
9/26	64	54	59	-15	415	674	.77	70	68	69	.03	NA	NA	.06
9/27	69	64	67	-7	422	691	.00	70	67	69	.04	NA	NA	.06
9/28	72	58	65	-8	427	706	.08	70	69	70	.08	NA	NA	.10
9/29	68	62	65	-8	432	721	.00	69	68	69	.04	NA	NA	.06
9/30	82	69	76	3	448	747	.04	77	62	70	.10	NA	NA	.13

AIR TEMPERATURES (in degrees F):
Mean Maximum= 86.1 Mean Minimum= 63.2 Average= 74.6
DFN= -1.0 DFN= -2.8 DFN= -1.9
Highest= 97 Lowest= 53

PRECIPITATION STATISTICS (inches):
Total= 5.18 DFN= +1.10 Greatest Daily= 2.30 Rain Days= 8

SOIL TEMPERATURES (in degrees F):
Highest= 85 Lowest= 62 Average= 77

AVERAGE DAILY VALUES:
Pan Evaporation= .17 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .18 (in)

Daily Weather Observations: Wiregrass Substation, Headland

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	80	66	73	1	13	23	5.20	72	72	72	NA	NA	NA	.12
10/ 2	86	58	72	0	25	45	.91	76	70	73	NA	NA	NA	.19
10/ 3	81	60	71	0	36	66	.00	74	70	72	.14	NA	NA	.15
10/ 4	85	57	71	0	47	87	.00	74	68	71	.15	NA	NA	.18
10/ 5	86	58	72	1	59	109	.00	72	68	70	.19	NA	NA	.18
10/ 6	88	59	74	4	73	133	.00	72	68	70	.10	NA	NA	.19
10/ 7	89	61	75	5	88	158	.00	74	69	72	.16	NA	NA	.19
10/ 8	87	60	74	5	102	182	.00	75	71	73	.10	NA	NA	.18
10/ 9	78	45	62	-7	104	194	.00	72	65	69	.17	NA	NA	.17
10/10	74	50	62	-7	106	206	.00	68	65	67	.13	NA	NA	.13
10/11	72	49	61	-7	107	217	.00	62	60	61	.09	NA	NA	.12
10/12	82	54	68	0	115	235	.00	69	64	67	.10	NA	NA	.16
10/13	81	59	70	2	125	255	.00	68	65	67	.09	NA	NA	.14
10/14	76	59	68	1	133	273	.00	70	68	69	.08	NA	NA	.11
10/15	79	60	70	3	143	293	.00	71	69	70	.09	NA	NA	.12
10/16	82	64	73	6	156	316	.00	72	68	70	.05	NA	NA	.13
10/17	87	64	76	10	172	342	.00	74	70	72	.10	NA	NA	.16
10/18	78	63	71	5	183	363	.61	73	70	72	.01	NA	NA	.11
10/19	72	43	58	-8	183	371	.29	70	63	67	.06	NA	NA	.13
10/20	48	30	39	-26	183	371	.00	65	55	60	.05	NA	NA	.02
10/21	54	30	42	-23	183	371	.00	56	54	55	.17	NA	NA	.06
10/22	67	36	52	-12	183	373	.00	56	54	55	NA	NA	NA	.12
10/23	76	46	61	-3	184	384	.00	56	53	55	.06	NA	NA	.14
10/24	76	41	59	-5	184	393	.00	58	56	57	.10	NA	NA	.16
10/25	77	43	60	-3	184	403	.00	58	55	57	.09	NA	NA	.16
10/26	76	43	60	-3	184	413	.00	58	55	57	.10	NA	NA	.15
10/27	79	43	61	-2	185	424	.00	58	55	57	.11	NA	NA	.17
10/28	79	45	62	0	187	436	.00	60	56	58	.15	NA	NA	.16
10/29	80	45	63	1	190	449	.00	60	57	59	.10	NA	NA	.17
10/30	80	57	69	7	199	468	.00	59	56	58	.10	NA	NA	.13
10/31	81	54	68	6	207	486	.00	61	58	60	NA	NA	NA	.14

AIR TEMPERATURES (in degrees F):
Mean Maximum= 77.9 Mean Minimum= 51.7 Average= 64.8
DFN= -.7 DFN= -2.3 DFN= -1.5
Highest= 89 Lowest= 30

PRECIPITATION STATISTICS (inches):
Total= 7.01 DFN= +4.68 Greatest Daily= 5.20 Rain Days= 4

SOIL TEMPERATURES (in degrees F):
Highest= 76 Lowest= 53 Average= 65

AVERAGE DAILY VALUES:
Pan Evaporation= .11 (in) Hours of Wet Vegetation= .0
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .14 (in)

Daily Weather Observations: Wiregrass Substation, Headland

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	80	50	65	4	5	15	.00	63	60	62	.12	NA	NA	.15
11/ 2	75	52	64	3	9	29	.05	63	60	62	.06	NA	NA	.11
11/ 3	62	41	52	-9	9	31	.20	61	57	59	.04	NA	NA	.06
11/ 4	65	44	55	-5	9	36	.00	55	54	55	.03	NA	NA	.07
11/ 5	70	40	55	-5	9	41	.00	55	52	54	.04	NA	NA	.11
11/ 6	76	46	61	1	10	52	.00	57	53	55	.09	NA	NA	.13
11/ 7	80	53	67	8	17	69	.15	62	56	59	.05	NA	NA	.13
11/ 8	75	62	69	10	26	88	1.31	65	61	63	.06	NA	NA	.07
11/ 9	69	55	62	3	28	100	6.65	65	63	64	NA	NA	NA	.06
11/10	69	43	56	-2	28	106	.00	64	57	61	.08	NA	NA	.10
11/11	73	44	59	1	28	115	.00	56	56	56	.08	NA	NA	.12
11/12	78	46	62	4	30	127	.00	58	55	57	.05	NA	NA	.14
11/13	78	51	65	8	35	142	.00	58	55	57	.04	NA	NA	.12
11/14	79	50	65	8	40	157	.00	60	55	58	.06	NA	NA	.13
11/15	79	63	71	14	51	178	.25	61	58	60	.04	NA	NA	.09
11/16	82	41	62	6	53	190	.52	66	60	63	.11	NA	NA	.18
11/17	54	25	40	-16	53	190	.00	60	50	55	NA	NA	NA	.05
11/18	54	27	41	-15	53	190	.00	51	48	50	NA	NA	NA	.05
11/19	61	42	52	-4	53	192	.00	52	50	51	.13	NA	NA	.04
11/20	61	38	50	-5	53	192	.00	53	51	52	.12	NA	NA	.05
11/21	71	49	60	5	53	202	.00	54	50	52	.03	NA	NA	.08
11/22	73	50	62	7	55	214	.25	56	54	55	.06	NA	NA	.09
11/23	74	42	58	3	55	222	.40	60	57	59	NA	NA	NA	.12
11/24	55	25	40	-14	55	222	.00	59	50	55	NA	NA	NA	.06
11/25	58	34	46	-8	55	222	.00	55	50	53	.03	NA	NA	.05
11/26	67	43	55	1	55	227	.00	55	50	53	.10	NA	NA	.07
11/27	76	48	62	8	57	239	.00	58	56	57	.06	NA	NA	.11
11/28	77	63	70	17	67	259	.00	59	56	58	.03	NA	NA	.07
11/29	79	39	59	6	67	268	.26	62	56	59	.12	NA	NA	.16
11/30	57	27	42	-11	67	268	.00	56	50	53	NA	NA	NA	.06

AIR TEMPERATURES (in degrees F):
Mean Maximum= 70.2 Mean Minimum= 44.4 Average= 57.3
DFN= +1.4 DFN= +.0 DFN= +.7
Highest= 82 Lowest= 25

PRECIPITATION STATISTICS (inches):
Total= 10.04 DFN= +6.81 Greatest Daily= 6.65 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 66 Lowest= 48 Average= 57

AVERAGE DAILY VALUES:
Pan Evaporation= .07 (in) Hours of Wet Vegetation= .0
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .10 (in)

Daily Weather Observations: Wiregrass Substation, Headland

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	57	38	48	-5	0	0	.00	50	48	49	NA	NA	NA	.02
12/ 2	63	38	51	-2	0	1	.00	51	49	50	NA	NA	NA	.06
12/ 3	60	35	48	-4	0	1	.00	51	50	51	.11	NA	NA	.05
12/ 4	51	21	36	-16	0	1	.00	49	45	47	NA	NA	NA	.04
12/ 5	53	24	39	-13	0	1	.00	45	45	45	NA	NA	NA	.04
12/ 6	67	33	50	-2	0	1	.00	47	44	46	NA	NA	NA	.10
12/ 7	70	53	62	10	2	13	.01	52	47	50	.01	NA	NA	.06
12/ 8	69	53	61	9	3	24	1.26	57	53	55	.06	NA	NA	.05
12/ 9	65	35	50	-1	3	24	.45	58	55	57	.05	NA	NA	.08
12/10	45	34	40	-11	3	24	.00	53	50	52	.03	NA	NA	.00
12/11	52	32	42	-9	3	24	.00	49	49	49	NA	NA	NA	.01
12/12	66	53	60	9	3	34	.00	52	49	51	.11	NA	NA	.03
12/13	62	27	45	-6	3	34	1.43	55	48	52	NA	NA	NA	.09
12/14	46	26	36	-15	3	34	.00	47	44	46	NA	NA	NA	.00
12/15	56	33	45	-6	3	34	.00	45	41	43	NA	NA	NA	.03
12/16	65	22	44	-6	3	34	.17	40	40	40	NA	NA	NA	.12
12/17	41	20	31	-19	3	34	.00	45	40	43	NA	NA	NA	.00
12/18	44	24	34	-16	3	34	.39	43	40	42	NA	NA	NA	.00
12/19	41	31	36	-14	3	34	.17	44	42	43	.02	NA	NA	.00
12/20	42	32	37	-13	3	34	.83	44	43	44	.05	NA	NA	.00
12/21	51	32	42	-8	3	34	.00	45	44	45	NA	NA	NA	.00
12/22	48	18	33	-16	3	34	.00	43	41	42	NA	NA	NA	.03
12/23	29	10	20	-29	3	34	.00	41	37	39	NA	NA	NA	.00
12/24	28	5	17	-32	3	34	.00	36	35	36	NA	NA	NA	.00
12/25	33	7	20	-29	3	34	.00	36	35	36	NA	NA	NA	.00
12/26	43	14	29	-20	3	34	.00	35	35	35	NA	NA	NA	.01
12/27	57	27	42	-7	3	34	.00	38	35	37	NA	NA	NA	.05
12/28	68	27	48	-1	3	34	.00	41	39	40	NA	NA	NA	.12
12/29	66	35	51	2	3	35	.00	43	42	43	NA	NA	NA	.09
12/30	66	38	52	4	3	37	.00	46	43	45	.03	NA	NA	.08
12/31	73	42	58	10	3	45	.32	52	45	49	.20	NA	NA	.11

AIR TEMPERATURES (in degrees F):
Mean Maximum= 54.1 Mean Minimum= 29.6 Average= 41.9
DFN= -7.5 DFN= -9.0 DFN= -8.2
Highest= 73 Lowest= 5

PRECIPITATION STATISTICS (inches):
Total= 5.03 DFN= +.15 Greatest Daily= 1.43 Rain Days= 9

SOIL TEMPERATURES (in degrees F):
Highest= 58 Lowest= 35 Average= 45

AVERAGE DAILY VALUES:
Pan Evaporation= .07 (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .04 (in)

Daily Weather Observations: Black Belt Substation, Marion Junction

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
1/ 1	64	46	55	9	0	5	.85	48	44	46	NA	NA	NA	.04
1/ 2	56	37	47	1	0	5	.00	47	44	46	NA	NA	NA	.01
1/ 3	63	37	50	4	0	5	.00	45	45	45	NA	NA	NA	.06
1/ 4	75	37	56	11	0	11	.00	50	45	48	NA	NA	NA	.14
1/ 5	55	30	43	-2	0	11	.00	43	43	43	NA	NA	NA	.03
1/ 6	60	36	48	3	0	11	.02	NA	NA	NA	NA	NA	NA	.04
1/ 7	76	59	68	23	8	29	.08	NA	NA	NA	NA	NA	NA	.07
1/ 8	76	51	64	19	12	43	.00	NA	NA	NA	NA	NA	NA	.10
1/ 9	52	37	45	0	12	43	.01	NA	NA	NA	NA	NA	NA	.00
1/10	49	37	43	-2	12	43	.22	NA	NA	NA	NA	NA	NA	.00
1/11	53	37	45	0	12	43	.13	NA	NA	NA	NA	NA	NA	.00
1/12	56	37	47	2	12	43	.01	NA	NA	NA	NA	NA	NA	.02
1/13	69	46	58	13	12	51	.48	NA	NA	NA	NA	NA	NA	.07
1/14	52	44	48	3	12	51	.03	NA	NA	NA	NA	NA	NA	.00
1/15	63	43	53	8	12	54	.70	NA	NA	NA	NA	NA	NA	.04
1/16	44	39	42	-3	12	54	.00	NA	NA	NA	NA	NA	NA	.00
1/17	53	29	41	-4	12	54	.00	NA	NA	NA	NA	NA	NA	.03
1/18	60	29	45	0	12	54	.00	NA	NA	NA	NA	NA	NA	.07
1/19	62	29	46	1	12	54	.00	NA	NA	NA	NA	NA	NA	.08
1/20	50	39	45	0	12	54	.45	NA	NA	NA	NA	NA	NA	.00
1/21	57	30	44	-1	12	54	.00	NA	NA	NA	NA	NA	NA	.05
1/22	57	32	45	0	12	54	.00	NA	NA	NA	NA	NA	NA	.04
1/23	60	30	45	-1	12	54	.00	NA	NA	NA	NA	NA	NA	.07
1/24	63	30	47	1	12	54	.00	NA	NA	NA	NA	NA	NA	.09
1/25	67	34	51	5	12	55	.00	NA	NA	NA	NA	NA	NA	.10
1/26	72	35	54	8	12	59	.00	NA	NA	NA	NA	NA	NA	.13
1/27	73	44	59	13	12	68	.25	NA	NA	NA	NA	NA	NA	.11
1/28	59	31	45	-1	12	68	.00	NA	NA	NA	NA	NA	NA	.06
1/29	65	35	50	4	12	68	.00	NA	NA	NA	NA	NA	NA	.09
1/30	70	42	56	10	12	74	.30	NA	NA	NA	NA	NA	NA	.10
1/31	65	35	50	4	12	74	.23	60	52	56	NA	NA	NA	.09

AIR TEMPERATURES (in degrees F):
Mean Maximum= 61.2 Mean Minimum= 37.3 Average= 49.2
DFN= +5.2 DFN= +2.9 DFN= +4.0
Highest= 76 Lowest= 29

PRECIPITATION STATISTICS (inches):
Total= 3.76 DFN= -1.25 Greatest Daily= .85 Rain Days= 14

SOIL TEMPERATURES (in degrees F):
Highest= 60 Lowest= 43 Average= 47

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .06 (in)

Daily Weather Observations: Black Belt Substation, Marion Junction

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
2/ 1	70	35	53	7	0	3	.00	54	52	53	NA	NA	NA	.12
2/ 2	79	59	69	22	9	22	.00	62	53	58	NA	NA	NA	.11
2/ 3	78	62	70	23	19	42	.00	60	56	58	NA	NA	NA	.09
2/ 4	78	38	58	11	19	50	.20	62	52	57	NA	NA	NA	.17
2/ 5	42	38	40	-7	19	50	.10	56	54	55	NA	NA	NA	.00
2/ 6	44	38	41	-6	19	50	.02	52	52	52	NA	NA	NA	.00
2/ 7	41	31	36	-11	19	50	.51	52	49	51	NA	NA	NA	.00
2/ 8	32	30	31	-17	19	50	.02	47	46	47	NA	NA	NA	.00
2/ 9	47	28	38	-10	19	50	.00	49	44	47	NA	NA	NA	.01
2/10	41	21	31	-17	19	50	.00	47	43	45	NA	NA	NA	.00
2/11	46	23	35	-13	19	50	.00	46	43	45	NA	NA	NA	.02
2/12	64	35	50	2	19	50	.00	50	42	46	NA	NA	NA	.09
2/13	67	45	56	8	19	56	.00	53	51	52	NA	NA	NA	.08
2/14	69	49	59	11	19	65	.00	54	50	52	NA	NA	NA	.08
2/15	77	58	68	20	27	83	.00	61	50	56	NA	NA	NA	.11
2/16	80	58	69	20	36	102	.00	64	59	62	NA	NA	NA	.13
2/17	67	48	58	9	36	110	.00	63	60	62	NA	NA	NA	.08
2/18	63	40	52	3	36	112	.30	60	55	58	NA	NA	NA	.08
2/19	42	39	41	-8	36	112	.10	54	52	53	NA	NA	NA	.00
2/20	49	40	45	-5	36	112	.12	53	51	52	NA	NA	NA	.00
2/21	71	48	60	10	36	122	.45	59	51	55	NA	NA	NA	.10
2/22	64	40	52	2	36	124	.02	60	54	57	NA	NA	NA	.09
2/23	42	24	33	-17	36	124	.00	50	45	48	NA	NA	NA	.00
2/24	34	18	26	-25	36	124	.00	47	44	46	NA	NA	NA	.00
2/25	43	18	31	-20	36	124	.00	47	42	45	NA	NA	NA	.03
2/26	51	30	41	-10	36	124	.00	48	42	45	NA	NA	NA	.04
2/27	63	51	57	6	36	131	.00	51	47	49	NA	NA	NA	.05
2/28	71	45	58	7	36	139	.70	56	51	54	NA	NA	NA	.12

AIR TEMPERATURES (in degrees F):
Mean Maximum= 57.7 Mean Minimum= 38.9 Average= 48.3
DFN= -2.7 DFN= +2.3 DFN= -.2
Highest= 80 Lowest= 18

PRECIPITATION STATISTICS (inches):
Total= 2.54 DFN= -2.06 Greatest Daily= .70 Rain Days= 11

SOIL TEMPERATURES (in degrees F):
Highest= 64 Lowest= 42 Average= 52

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .06 (in)

Daily Weather Observations: Black Belt Substation, Marion Junction

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
3/ 1	55	43	49	-3	0	0	.10	58	54	56	NA	NA	NA	.03
3/ 2	55	43	49	-3	0	0	.20	52	52	52	NA	NA	NA	.03
3/ 3	52	46	49	-3	0	0	.55	52	51	52	NA	NA	NA	.00
3/ 4	58	46	52	-1	0	2	.00	58	52	55	NA	NA	NA	.04
3/ 5	73	52	63	10	3	15	.35	60	52	56	NA	NA	NA	.11
3/ 6	79	37	58	5	3	23	2.16	66	56	61	NA	NA	NA	.20
3/ 7	37	32	35	-18	3	23	.01	56	49	53	NA	NA	NA	.00
3/ 8	38	32	35	-19	3	23	.00	47	47	47	NA	NA	NA	.00
3/ 9	56	32	44	-10	3	23	.00	59	42	51	NA	NA	NA	.07
3/10	64	31	48	-6	3	23	.00	59	47	53	NA	NA	NA	.13
3/11	71	40	56	2	3	29	.00	60	50	55	NA	NA	NA	.14
3/12	78	44	61	6	4	40	.00	63	53	58	NA	NA	NA	.18
3/13	81	50	66	11	10	56	.00	65	55	60	NA	NA	NA	.18
3/14	80	56	68	13	18	74	.00	66	52	59	NA	NA	NA	.15
3/15	82	62	72	17	30	96	.00	68	57	63	NA	NA	NA	.15
3/16	82	54	68	12	38	114	.00	70	64	67	NA	NA	NA	.17
3/17	77	50	64	8	42	128	.00	71	61	66	NA	NA	NA	.16
3/18	82	55	69	13	51	147	.00	72	62	67	NA	NA	NA	.17
3/19	82	47	65	8	56	162	.00	73	63	68	NA	NA	NA	.20
3/20	76	56	66	9	62	178	.00	72	59	66	NA	NA	NA	.13
3/21	80	58	69	12	71	197	1.10	70	63	67	NA	NA	NA	.15
3/22	61	43	52	-6	71	199	.63	65	50	58	NA	NA	NA	.08
3/23	53	44	49	-9	71	199	.50	56	50	53	NA	NA	NA	.03
3/24	48	45	47	-11	71	199	.05	56	56	56	NA	NA	NA	.00
3/25	51	45	48	-11	71	199	.00	57	56	57	NA	NA	NA	.01
3/26	58	44	51	-8	71	200	.01	59	56	58	NA	NA	NA	.06
3/27	74	43	59	0	71	209	.00	68	57	63	NA	NA	NA	.17
3/28	83	43	63	4	74	222	.00	72	61	67	NA	NA	NA	.23
3/29	84	57	71	11	85	243	.00	71	62	67	NA	NA	NA	.19
3/30	80	59	70	10	95	263	1.59	70	64	67	NA	NA	NA	.16
3/31	75	55	65	5	100	278	.00	72	62	67	NA	NA	NA	.14

AIR TEMPERATURES (in degrees F):
Mean Maximum= 67.9 Mean Minimum= 46.6 Average= 57.2
DFN= +.0 DFN= +3.1 DFN= +1.5
Highest= 84 Lowest= 31

PRECIPITATION STATISTICS (inches):
Total= 7.25 DFN= +.43 Greatest Daily= 2.16 Rain Days= 12

SOIL TEMPERATURES (in degrees F):
Highest= 73 Lowest= 42 Average= 59

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .11 (in)

Daily Weather Observations: Black Belt Substation, Marion Junction

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
4/ 1	75	37	56	-5	0	6	.00	69	56	63	NA	NA	NA	.20
4/ 2	73	38	56	-5	0	12	.00	66	55	61	NA	NA	NA	.18
4/ 3	75	58	67	6	7	29	.00	68	57	63	NA	NA	NA	.13
4/ 4	79	61	70	8	17	49	.00	66	61	64	NA	NA	NA	.15
4/ 5	83	55	69	7	26	68	2.80	72	65	69	NA	NA	NA	.19
4/ 6	66	39	53	-9	26	71	.02	69	60	65	NA	NA	NA	.14
4/ 7	69	39	54	-9	26	75	.00	69	59	64	NA	NA	NA	.16
4/ 8	62	46	54	-9	26	79	.00	69	60	65	NA	NA	NA	.09
4/ 9	73	45	59	-4	26	88	1.36	63	59	61	NA	NA	NA	.16
4/10	47	43	45	-18	26	88	1.00	62	55	59	NA	NA	NA	.01
4/11	49	33	41	-23	26	88	.15	63	52	58	NA	NA	NA	.05
4/12	57	33	45	-19	26	88	.02	64	50	57	NA	NA	NA	.10
4/13	64	34	49	-15	26	88	.00	66	52	59	NA	NA	NA	.14
4/14	71	43	57	-7	26	95	.00	69	56	63	NA	NA	NA	.16
4/15	69	45	57	-8	26	102	.00	69	56	63	NA	NA	NA	.14
4/16	69	45	57	-8	26	109	.10	66	58	62	NA	NA	NA	.14
4/17	74	45	60	-5	26	119	.00	74	60	67	NA	NA	NA	.18
4/18	80	46	63	-2	29	132	.00	75	62	69	NA	NA	NA	.21
4/19	80	53	67	1	36	149	.00	77	54	66	NA	NA	NA	.19
4/20	82	53	68	2	44	167	.00	79	69	74	NA	NA	NA	.20
4/21	82	53	68	2	52	185	.00	79	66	73	NA	NA	NA	.20
4/22	77	52	65	-1	57	200	.00	79	69	74	NA	NA	NA	.18
4/23	82	57	70	3	67	220	.00	80	66	73	NA	NA	NA	.19
4/24	84	57	71	4	78	241	.00	81	66	74	NA	NA	NA	.20
4/25	83	58	71	4	89	262	.00	82	65	74	NA	NA	NA	.20
4/26	85	61	73	6	102	285	.00	82	72	77	NA	NA	NA	.20
4/27	86	61	74	6	116	309	.00	84	70	77	NA	NA	NA	.21
4/28	87	62	75	7	131	334	.00	85	71	78	NA	NA	NA	.21
4/29	87	61	74	6	145	358	.00	84	72	78	NA	NA	NA	.21
4/30	86	61	74	6	159	382	.00	86	74	80	NA	NA	NA	.21

AIR TEMPERATURES (in degrees F):
Mean Maximum= 74.5 Mean Minimum= 49.1 Average= 61.8
DFN= -2.4 DFN= -2.6 DFN= -2.5
Highest= 87 Lowest= 33

PRECIPITATION STATISTICS (inches):
Total= 5.45 DFN= +.03 Greatest Daily= 2.80 Rain Days= 7

SOIL TEMPERATURES (in degrees F):
Highest= 86 Lowest= 50 Average= 67

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .16 (in)

Daily Weather Observations: Black Belt Substation, Marion Junction

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
5/ 1	79	64	72	4	12	22	.20	82	74	78	NA	NA	NA	.15
5/ 2	74	54	64	-5	16	36	.16	76	70	73	NA	NA	NA	.15
5/ 3	72	52	62	-7	18	48	.02	79	68	74	NA	NA	NA	.15
5/ 4	71	52	62	-7	20	60	.05	78	66	72	NA	NA	NA	.14
5/ 5	73	58	66	-3	26	76	.08	71	70	71	NA	NA	NA	.14
5/ 6	74	49	62	-7	28	88	.00	71	70	71	NA	NA	NA	.17
5/ 7	75	45	60	-9	28	98	.00	71	70	71	NA	NA	NA	.19
5/ 8	71	44	58	-12	28	106	.00	74	66	70	NA	NA	NA	.17
5/ 9	79	47	63	-7	31	119	.00	82	65	74	NA	NA	NA	.21
5/10	80	61	71	1	42	140	.45	76	72	74	NA	NA	NA	.17
5/11	69	47	58	-12	42	148	.00	76	68	72	NA	NA	NA	.15
5/12	72	45	59	-11	42	157	.00	79	66	73	NA	NA	NA	.17
5/13	73	45	59	-12	42	166	.00	80	65	73	NA	NA	NA	.18
5/14	73	46	60	-11	42	176	.00	79	65	72	NA	NA	NA	.18
5/15	63	54	59	-12	42	185	.28	80	64	72	NA	NA	NA	.09
5/16	78	57	68	-3	50	203	.00	86	66	76	NA	NA	NA	.18
5/17	79	58	69	-3	59	222	.00	80	69	75	NA	NA	NA	.18
5/18	84	62	73	1	72	245	.00	84	71	78	NA	NA	NA	.20
5/19	83	64	74	2	86	269	.02	82	74	78	NA	NA	NA	.19
5/20	84	64	74	2	100	293	.25	83	74	79	NA	NA	NA	.19
5/21	84	62	73	1	113	316	.25	84	75	80	NA	NA	NA	.20
5/22	87	66	77	4	130	343	.00	89	73	81	NA	NA	NA	.21
5/23	88	66	77	4	147	370	.02	86	78	82	NA	NA	NA	.21
5/24	81	66	74	1	161	394	.08	82	76	79	NA	NA	NA	.17
5/25	86	67	77	4	178	421	.00	85	75	80	NA	NA	NA	.20
5/26	91	73	82	8	200	453	.00	88	75	82	NA	NA	NA	.21
5/27	92	74	83	9	223	486	.00	88	75	82	NA	NA	NA	.21
5/28	89	65	77	3	240	513	.00	89	80	85	NA	NA	NA	.22
5/29	85	59	72	-2	252	535	.00	90	78	84	NA	NA	NA	.22
5/30	88	64	76	1	268	561	.00	90	75	83	NA	NA	NA	.22
5/31	90	68	79	4	287	590	.00	90	75	83	NA	NA	NA	.22

AIR TEMPERATURES (in degrees F):
Mean Maximum= 79.6 Mean Minimum= 58.0 Average= 68.8
DFN= -3.8 DFN= -1.2 DFN= -2.5
Highest= 92 Lowest= 44

PRECIPITATION STATISTICS (inches):
Total= 1.86 DFN= -2.07 Greatest Daily= .45 Rain Days= 12

SOIL TEMPERATURES (in degrees F):
Highest= 90 Lowest= 64 Average= 76

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .18 (in)

Daily Weather Observations: Black Belt Substation, Marion Junction

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
6/ 1	92	71	82	7	22	32	.00	93	80	87	NA	NA	NA	.22
6/ 2	93	68	81	5	43	63	.00	95	82	89	NA	NA	NA	.24
6/ 3	90	68	79	3	62	92	.10	92	82	87	NA	NA	NA	.22
6/ 4	90	68	79	3	81	121	.21	89	80	85	NA	NA	NA	.22
6/ 5	89	71	80	4	101	151	.00	90	72	81	NA	NA	NA	.21
6/ 6	85	67	76	0	117	177	.56	84	79	82	NA	NA	NA	.19
6/ 7	85	62	74	-3	131	201	.00	83	75	79	NA	NA	NA	.21
6/ 8	86	64	75	-2	146	226	.10	89	75	82	NA	NA	NA	.21
6/ 9	74	68	71	-6	157	247	.15	79	77	78	NA	NA	NA	.12
6/10	82	62	72	-5	169	269	.00	82	75	79	NA	NA	NA	.19
6/11	86	65	76	-2	185	295	.00	88	75	82	NA	NA	NA	.21
6/12	83	66	75	-3	200	320	.53	82	77	80	NA	NA	NA	.18
6/13	91	72	82	4	222	352	.02	86	76	81	NA	NA	NA	.22
6/14	90	72	81	3	243	383	.00	91	79	85	NA	NA	NA	.21
6/15	90	69	80	2	263	413	1.31	89	80	85	NA	NA	NA	.22
6/16	90	67	79	0	282	442	.59	79	78	79	NA	NA	NA	.23
6/17	80	60	70	-9	292	462	.00	82	75	79	NA	NA	NA	.18
6/18	86	66	76	-3	308	488	.00	88	71	80	NA	NA	NA	.20
6/19	90	71	81	2	329	519	.36	89	76	83	NA	NA	NA	.21
6/20	80	68	74	-5	343	543	.87	82	79	81	NA	NA	NA	.16
6/21	86	68	77	-2	360	570	.00	86	76	81	NA	NA	NA	.20
6/22	89	67	78	-1	378	598	1.16	89	79	84	NA	NA	NA	.22
6/23	85	67	76	-4	394	624	2.65	86	78	82	NA	NA	NA	.19
6/24	86	67	77	-3	411	651	.00	89	79	84	NA	NA	NA	.20
6/25	87	69	78	-2	429	679	.00	85	76	81	NA	NA	NA	.20
6/26	90	69	80	0	449	709	.01	89	76	83	NA	NA	NA	.22
6/27	90	71	81	1	470	740	.00	92	80	86	NA	NA	NA	.21
6/28	89	67	78	-2	488	768	.05	92	75	84	NA	NA	NA	.22
6/29	90	69	80	0	508	798	.60	90	80	85	NA	NA	NA	.22
6/30	90	69	80	0	528	828	.06	87	79	83	NA	NA	NA	.22

AIR TEMPERATURES (in degrees F):
Mean Maximum= 87.1 Mean Minimum= 67.6 Average= 77.4
DFN= -2.5 DFN= +1.4 DFN= -.5
Highest= 93 Lowest= 60

PRECIPITATION STATISTICS (inches):
Total= 9.33 DFN= +5.22 Greatest Daily= 2.65 Rain Days= 17

SOIL TEMPERATURES (in degrees F):
Highest= 95 Lowest= 71 Average= 82

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .21 (in)

Daily Weather Observations: Black Belt Substation, Marion Junction

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
7/ 1	86	69	78	-2	18	28	.00	90	79	85	NA	NA	NA	.19
7/ 2	84	69	77	-3	35	55	.78	89	80	85	NA	NA	NA	.18
7/ 3	83	70	77	-3	52	82	.91	82	80	81	NA	NA	NA	.17
7/ 4	83	70	77	-3	69	109	.03	83	80	82	NA	NA	NA	.17
7/ 5	85	72	79	-1	88	138	.06	86	76	81	NA	NA	NA	.18
7/ 6	85	72	79	-1	107	167	1.05	87	80	84	NA	NA	NA	.18
7/ 7	89	72	81	0	128	198	.25	89	80	85	NA	NA	NA	.20
7/ 8	89	71	80	-1	148	228	.00	89	82	86	NA	NA	NA	.21
7/ 9	89	71	80	-1	168	258	.00	89	82	86	NA	NA	NA	.21
7/10	90	70	80	-1	188	288	.06	89	80	85	NA	NA	NA	.21
7/11	90	70	80	-1	208	318	.00	92	79	86	NA	NA	NA	.21
7/12	91	70	81	0	229	349	.08	92	80	86	NA	NA	NA	.22
7/13	91	71	81	0	250	380	.64	95	80	88	NA	NA	NA	.22
7/14	87	71	79	-2	269	409	.55	86	80	83	NA	NA	NA	.19
7/15	84	73	79	-2	288	438	.00	85	80	83	NA	NA	NA	.17
7/16	88	72	80	-1	308	468	.00	89	82	86	NA	NA	NA	.19
7/17	86	69	78	-3	326	496	.13	86	80	83	NA	NA	NA	.19
7/18	85	70	78	-3	344	524	.00	91	77	84	NA	NA	NA	.18
7/19	85	70	78	-3	362	552	.00	89	80	85	NA	NA	NA	.18
7/20	89	70	80	-1	382	582	.01	89	80	85	NA	NA	NA	.21
7/21	84	69	77	-4	399	609	.05	89	80	85	NA	NA	NA	.18
7/22	83	69	76	-5	415	635	.00	89	80	85	NA	NA	NA	.17
7/23	86	68	77	-4	432	662	.00	89	80	85	NA	NA	NA	.19
7/24	86	68	77	-4	449	689	.53	89	80	85	NA	NA	NA	.19
7/25	85	68	77	-4	466	716	.41	87	79	83	NA	NA	NA	.19
7/26	89	71	80	-1	486	746	.00	89	71	80	NA	NA	NA	.20
7/27	92	72	82	1	508	778	.20	94	80	87	NA	NA	NA	.22
7/28	92	70	81	0	529	809	.00	92	81	87	NA	NA	NA	.22
7/29	92	72	82	1	551	841	.00	95	80	88	NA	NA	NA	.22
7/30	93	73	83	2	574	874	.00	96	84	90	NA	NA	NA	.22
7/31	92	70	81	0	595	905	.00	98	87	93	NA	NA	NA	.22

AIR TEMPERATURES (in degrees F):
Mean Maximum= 87.5 Mean Minimum= 70.4 Average= 79.0
DFN= -4.3 DFN= +1.1 DFN= -1.6
Highest= 93 Lowest= 68

PRECIPITATION STATISTICS (inches):
Total= 5.74 DFN= +1.05 Greatest Daily= 1.05 Rain Days= 16

SOIL TEMPERATURES (in degrees F):
Highest= 98 Lowest= 71 Average= 85

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .20 (in)

Daily Weather Observations: Black Belt Substation, Marion Junction

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
8/ 1	92	71	82	1	22	32	.00	98	82	90	NA	NA	NA	.22
8/ 2	87	72	80	-1	42	62	.00	90	84	87	NA	NA	NA	.18
8/ 3	91	72	82	1	64	94	.68	95	83	89	NA	NA	NA	.21
8/ 4	92	73	83	2	87	127	.05	92	84	88	NA	NA	NA	.21
8/ 5	92	73	83	2	110	160	.00	99	85	92	NA	NA	NA	.21
8/ 6	93	70	82	1	132	192	.00	99	85	92	NA	NA	NA	.23
8/ 7	93	69	81	0	153	223	.24	99	85	92	NA	NA	NA	.23
8/ 8	85	64	75	-6	168	248	.00	91	80	86	NA	NA	NA	.19
8/ 9	85	58	72	-9	180	270	.00	90	79	85	NA	NA	NA	.21
8/10	82	59	71	-10	191	291	.00	90	75	83	NA	NA	NA	.19
8/11	83	63	73	-8	204	314	.00	90	76	83	NA	NA	NA	.18
8/12	84	64	74	-7	218	338	.00	91	77	84	NA	NA	NA	.19
8/13	85	64	75	-6	233	363	.00	91	80	86	NA	NA	NA	.19
8/14	86	65	76	-5	249	389	.00	90	76	83	NA	NA	NA	.19
8/15	85	65	75	-6	264	414	.00	90	78	84	NA	NA	NA	.19
8/16	85	66	76	-5	280	440	.00	90	79	85	NA	NA	NA	.18
8/17	89	67	78	-3	298	468	.18	91	80	86	NA	NA	NA	.21
8/18	89	66	78	-2	316	496	.00	89	80	85	NA	NA	NA	.21
8/19	88	67	78	-2	334	524	.00	89	78	84	NA	NA	NA	.20
8/20	89	70	80	0	354	554	.00	89	72	81	NA	NA	NA	.19
8/21	91	71	81	1	375	585	.00	93	82	88	NA	NA	NA	.20
8/22	90	72	81	1	396	616	.00	90	84	87	NA	NA	NA	.19
8/23	93	73	83	3	419	649	.00	90	82	86	NA	NA	NA	.21
8/24	93	73	83	3	442	682	.00	94	82	88	NA	NA	NA	.21
8/25	94	74	84	4	466	716	.00	85	NA	88	NA	NA	NA	.21
8/26	96	72	84	4	490	750	.00	96	85	91	NA	NA	NA	.23
8/27	97	72	85	6	515	785	.00	94	89	92	NA	NA	NA	.23
8/28	93	73	83	4	538	818	.00	95	91	93	NA	NA	NA	.21
8/29	93	73	83	4	561	851	.00	96	84	90	NA	NA	NA	.20
8/30	90	73	82	3	583	883	.00	92	85	89	NA	NA	NA	.18
8/31	94	73	84	5	607	917	.10	94	85	90	NA	NA	NA	.21

AIR TEMPERATURES (in degrees F):
Mean Maximum= 89.6 Mean Minimum= 68.9 Average= 79.3
DFN= -1.7 DFN= +.1 DFN= -.8
Highest= 97 Lowest= 58

PRECIPITATION STATISTICS (inches):
Total= 1.25 DFN= -2.28 Greatest Daily= .68 Rain Days= 5

SOIL TEMPERATURES (in degrees F):
Highest= 99 Lowest= 72 Average= 87

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .20 (in)

Daily Weather Observations: Black Belt Substation, Marion Junction

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
9/ 1	93	73	83	4	23	33	.00	93	85	89	NA	NA	NA	.20
9/ 2	93	73	83	4	46	66	.00	93	85	89	NA	NA	NA	.20
9/ 3	93	73	83	5	69	99	.00	95	83	89	NA	NA	NA	.20
9/ 4	97	70	84	6	93	133	.00	94	85	90	NA	NA	NA	.24
9/ 5	84	67	76	-2	109	159	.00	89	82	86	NA	NA	NA	.16
9/ 6	89	66	78	0	127	187	.00	92	80	86	NA	NA	NA	.20
9/ 7	84	67	76	-2	143	213	.00	90	81	86	NA	NA	NA	.16
9/ 8	88	69	79	1	162	242	.00	91	81	86	NA	NA	NA	.18
9/ 9	91	69	80	3	182	272	.00	92	81	87	NA	NA	NA	.20
9/10	93	69	81	4	203	303	.00	93	81	87	NA	NA	NA	.21
9/11	92	70	81	4	224	334	.41	92	82	87	NA	NA	NA	.20
9/12	92	70	81	4	245	365	.00	89	82	86	NA	NA	NA	.20
9/13	89	69	79	2	264	394	.00	86	80	83	NA	NA	NA	.18
9/14	91	69	80	4	284	424	.00	91	80	86	NA	NA	NA	.19
9/15	92	69	81	5	305	455	.00	91	80	86	NA	NA	NA	.20
9/16	78	60	69	-7	314	474	.00	84	78	81	NA	NA	NA	.14
9/17	82	58	70	-6	324	494	.00	86	72	79	NA	NA	NA	.17
9/18	82	57	70	-5	334	514	.00	85	72	79	NA	NA	NA	.17
9/19	84	58	71	-4	345	535	.00	87	75	81	NA	NA	NA	.18
9/20	84	58	71	-4	356	556	.00	86	74	80	NA	NA	NA	.18
9/21	83	60	72	-2	368	578	.00	85	76	81	NA	NA	NA	.17
9/22	85	60	73	-1	381	601	.00	85	75	80	NA	NA	NA	.18
9/23	85	52	69	-5	390	620	.00	85	72	79	NA	NA	NA	.20
9/24	85	47	66	-7	396	636	.00	85	72	79	NA	NA	NA	.22
9/25	63	47	55	-18	396	641	.30	72	69	71	NA	NA	NA	.08
9/26	61	56	59	-13	396	650	.35	67	65	66	NA	NA	NA	.04
9/27	72	60	66	-6	402	666	.01	71	66	69	NA	NA	NA	.09
9/28	74	61	68	-3	410	684	.09	74	70	72	NA	NA	NA	.10
9/29	64	60	62	-9	412	696	.14	70	69	70	NA	NA	NA	.04
9/30	70	60	65	-6	417	711	.15	72	69	71	NA	NA	NA	.08

AIR TEMPERATURES (in degrees F):
Mean Maximum= 83.8 Mean Minimum= 63.2 Average= 73.5
DFN= -2.9 DFN= -.7 DFN= -1.8
Highest= 97 Lowest= 47

PRECIPITATION STATISTICS (inches):
Total= 1.45 DFN= -2.10 Greatest Daily= .41 Rain Days= 7

SOIL TEMPERATURES (in degrees F):
Highest= 95 Lowest= 65 Average= 81

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .17 (in)

Daily Weather Observations: Black Belt Substation, Marion Junction

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	78	68	73	3	13	23	.70	75	70	73	NA	NA	NA	.10
10/ 2	78	59	69	-1	22	42	.02	75	70	73	NA	NA	NA	.13
10/ 3	82	59	71	1	33	63	.00	78	69	74	NA	NA	NA	.15
10/ 4	86	57	72	3	45	85	.00	81	70	76	NA	NA	NA	.18
10/ 5	81	53	67	-1	52	102	.00	81	70	76	NA	NA	NA	.17
10/ 6	84	53	69	1	61	121	.00	78	64	71	NA	NA	NA	.18
10/ 7	87	56	72	5	73	143	.00	78	64	71	NA	NA	NA	.19
10/ 8	82	56	69	2	82	162	.00	82	70	76	NA	NA	NA	.16
10/ 9	73	46	60	-7	82	172	.00	80	69	75	NA	NA	NA	.13
10/10	71	42	57	-9	82	179	.00	78	65	72	NA	NA	NA	.13
10/11	76	42	59	-7	82	188	.00	76	62	69	NA	NA	NA	.16
10/12	81	48	65	-1	87	203	.00	78	66	72	NA	NA	NA	.18
10/13	83	52	68	3	95	221	.00	79	64	72	NA	NA	NA	.17
10/14	76	57	67	2	102	238	.00	77	62	70	NA	NA	NA	.11
10/15	74	57	66	2	108	254	.00	76	70	73	NA	NA	NA	.10
10/16	85	57	71	7	119	275	.00	80	69	75	NA	NA	NA	.17
10/17	85	67	76	12	135	301	1.34	80	71	76	NA	NA	NA	.14
10/18	73	58	66	3	141	317	1.90	75	72	74	NA	NA	NA	.09
10/19	58	40	49	-14	141	317	.04	71	62	67	NA	NA	NA	.05
10/20	47	31	39	-24	141	317	.00	61	54	58	NA	NA	NA	.01
10/21	61	29	45	-17	141	317	.00	59	50	55	NA	NA	NA	.10
10/22	68	45	57	-5	141	324	.01	61	56	59	NA	NA	NA	.09
10/23	74	46	60	-2	141	334	.00	69	56	63	NA	NA	NA	.13
10/24	76	46	61	0	142	345	.00	72	59	66	NA	NA	NA	.14
10/25	74	42	58	-3	142	353	.00	71	60	66	NA	NA	NA	.14
10/26	75	42	59	-2	142	362	.00	70	59	65	NA	NA	NA	.14
10/27	75	43	59	-1	142	371	.00	70	57	64	NA	NA	NA	.14
10/28	76	43	60	0	142	381	.00	74	58	66	NA	NA	NA	.15
10/29	79	48	64	5	146	395	.00	71	60	66	NA	NA	NA	.15
10/30	78	44	61	2	147	406	.00	70	51	61	NA	NA	NA	.15
10/31	79	49	64	5	151	420	.00	72	59	66	NA	NA	NA	.14

AIR TEMPERATURES (in degrees F):
Mean Maximum= 76.0 Mean Minimum= 49.5 Average= 62.7
DFN= -1.1 DFN= -1.2 DFN= -1.2
Highest= 87 Lowest= 29

PRECIPITATION STATISTICS (inches):
Total= 4.01 DFN= +1.26 Greatest Daily= 1.90 Rain Days= 6

SOIL TEMPERATURES (in degrees F):
Highest= 82 Lowest= 50 Average= 69

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .14 (in)

Daily Weather Observations: Black Belt Substation, Marion Junction

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	68	42	55	-3	0	5	.00	69	60	65	NA	NA	NA	.10
11/ 2	69	44	57	-1	0	12	.00	68	59	64	NA	NA	NA	.10
11/ 3	59	39	49	-9	0	12	.00	62	55	59	NA	NA	NA	.05
11/ 4	61	30	46	-11	0	12	.00	64	55	60	NA	NA	NA	.09
11/ 5	66	32	49	-8	0	12	.00	64	52	58	NA	NA	NA	.11
11/ 6	77	47	62	5	2	24	.00	65	53	59	NA	NA	NA	.13
11/ 7	70	58	64	8	6	38	.42	67	65	66	NA	NA	NA	.05
11/ 8	70	58	64	8	10	52	.92	66	64	65	NA	NA	NA	.05
11/ 9	70	49	60	4	10	62	.95	68	60	64	NA	NA	NA	.08
11/10	65	41	53	-2	10	65	.00	66	57	62	NA	NA	NA	.07
11/11	74	40	57	2	10	72	.00	65	55	60	NA	NA	NA	.13
11/12	79	43	61	6	11	83	.00	66	56	61	NA	NA	NA	.15
11/13	77	43	60	6	11	93	.00	66	57	62	NA	NA	NA	.14
11/14	77	43	60	6	11	103	.25	67	64	66	NA	NA	NA	.14
11/15	76	62	69	15	20	122	.07	67	63	65	NA	NA	NA	.07
11/16	80	36	58	4	20	130	.28	70	58	64	NA	NA	NA	.18
11/17	52	25	39	-15	20	130	.00	59	50	55	NA	NA	NA	.04
11/18	47	26	37	-16	20	130	.00	55	48	52	NA	NA	NA	.00
11/19	58	39	49	-4	20	130	.00	58	50	54	NA	NA	NA	.03
11/20	64	35	50	-3	20	130	.00	60	52	56	NA	NA	NA	.08
11/21	71	37	54	1	20	134	.00	60	50	55	NA	NA	NA	.12
11/22	71	37	54	2	20	138	.03	63	52	58	NA	NA	NA	.12
11/23	76	40	58	6	20	146	1.45	61	55	58	NA	NA	NA	.14
11/24	49	26	38	-14	20	146	.00	55	50	53	NA	NA	NA	.01
11/25	55	32	44	-8	20	146	.00	54	42	48	NA	NA	NA	.03
11/26	55	43	49	-2	20	146	.00	45	43	44	NA	NA	NA	.00
11/27	72	46	59	8	20	155	.00	61	51	56	NA	NA	NA	.09
11/28	74	57	66	15	26	171	.00	63	57	60	NA	NA	NA	.07
11/29	74	40	57	6	26	178	.00	64	54	59	NA	NA	NA	.12
11/30	52	28	40	-10	26	178	.00	56	45	51	NA	NA	NA	.02

AIR TEMPERATURES (in degrees F):
Mean Maximum= 66.9 Mean Minimum= 40.6 Average= 53.8
DFN= +.3 DFN= -.4 DFN= +.0
Highest= 80 Lowest= 25

PRECIPITATION STATISTICS (inches):
Total= 4.37 DFN= +1.11 Greatest Daily= 1.45 Rain Days= 8

SOIL TEMPERATURES (in degrees F):
Highest= 70 Lowest= 42 Average= 58

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .08 (in)

Daily Weather Observations: Black Belt Substation, Marion Junction

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	52	28	40	-10	0	0	.00	56	45	51	NA	NA	NA	.02
12/ 2	55	29	42	-8	0	0	.00	53	46	50	NA	NA	NA	.04
12/ 3	58	33	46	-4	0	0	.00	53	45	49	NA	NA	NA	.04
12/ 4	44	21	33	-16	0	0	.00	50	44	47	NA	NA	NA	.00
12/ 5	51	21	36	-13	0	0	.00	49	41	45	NA	NA	NA	.04
12/ 6	67	31	49	0	0	0	.00	51	42	47	NA	NA	NA	.10
12/ 7	70	49	60	11	0	10	.55	56	49	53	NA	NA	NA	.07
12/ 8	61	55	58	9	0	18	3.95	59	57	58	NA	NA	NA	.00
12/ 9	56	35	46	-2	0	18	.33	59	51	55	NA	NA	NA	.02
12/10	37	33	35	-13	0	18	.10	51	48	50	NA	NA	NA	.00
12/11	48	34	41	-7	0	18	.00	61	45	53	NA	NA	NA	.00
12/12	65	40	53	5	0	21	.80	55	46	51	NA	NA	NA	.06
12/13	40	22	31	-17	0	21	.20	55	42	49	NA	NA	NA	.00
12/14	40	22	31	-17	0	21	.00	46	42	44	NA	NA	NA	.00
12/15	53	23	38	-10	0	21	.00	46	41	44	NA	NA	NA	.04
12/16	60	17	39	-9	0	21	.00	50	42	46	NA	NA	NA	.10
12/17	34	18	26	-21	0	21	.00	50	42	46	NA	NA	NA	.00
12/18	37	25	31	-16	0	21	.60	40	40	40	NA	NA	NA	.00
12/19	38	25	32	-15	0	21	1.14	42	40	41	NA	NA	NA	.00
12/20	41	30	36	-11	0	21	.00	44	40	42	NA	NA	NA	.00
12/21	49	25	37	-10	0	21	.00	46	42	44	NA	NA	NA	.01
12/22	49	10	30	-17	0	21	.00	44	40	42	NA	NA	NA	.05
12/23	17	3	10	-36	0	21	.00	41	37	39	NA	NA	NA	.00
12/24	20	3	12	-34	0	21	.00	41	37	39	NA	NA	NA	.00
12/25	29	23	26	-20	0	21	.00	40	36	38	NA	NA	NA	.00
12/26	53	21	37	-9	0	21	.00	45	36	41	NA	NA	NA	.05
12/27	53	26	40	-6	0	21	.00	35	35	35	NA	NA	NA	.03
12/28	67	26	47	1	0	21	.00	39	34	37	NA	NA	NA	.12
12/29	65	40	53	7	0	24	.00	50	39	45	NA	NA	NA	.06
12/30	65	43	54	8	0	28	.35	50	39	45	NA	NA	NA	.05
12/31	66	56	61	16	1	39	.55	NA	NA	NA	NA	NA	NA	.02

AIR TEMPERATURES (in degrees F):
Mean Maximum= 49.7 Mean Minimum= 28.0 Average= 38.8
DFN= -9.2 DFN= -7.8 DFN= -8.5
Highest= 70 Lowest= 3

PRECIPITATION STATISTICS (inches):
Total= 8.57 DFN= +3.14 Greatest Daily= 3.95 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 61 Lowest= 34 Average= 45

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= NA (W/Sq M ystdy)
Potential evapotranspiration (PET)= .03 (in)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
1/ 1	68	41	55	13	0	5	.49	54	49	52	NA	NA	377	.02
1/ 2	44	35	40	-2	0	5	.00	52	50	51	NA	NA	675	.00
1/ 3	56	35	46	4	0	5	.46	55	50	53	NA	NA	2228	.02
1/ 4	61	30	46	4	0	5	.32	56	48	52	NA	NA	1178	.02
1/ 5	54	26	40	-2	0	5	.00	54	45	50	NA	NA	3357	.04
1/ 6	63	29	46	4	0	5	.04	54	45	50	NA	NA	1855	.04
1/ 7	74	46	60	18	0	15	.01	60	55	58	NA	NA	2932	.08
1/ 8	74	43	59	17	0	24	.92	60	57	59	NA	NA	1085	.05
1/ 9	52	33	43	1	0	24	.33	57	49	53	NA	NA	1661	.00
1/10	40	33	37	-5	0	24	.21	48	48	48	NA	NA	386	.00
1/11	51	47	49	7	0	24	.63	51	51	51	NA	NA	1197	.00
1/12	56	47	52	10	0	26	1.70	54	51	53	NA	NA	276	.00
1/13	61	36	49	7	0	26	2.40	56	51	54	NA	NA	295	.05
1/14	48	36	42	0	0	26	.03	52	49	51	NA	NA	1871	.00
1/15	56	37	47	5	0	26	.59	51	49	50	NA	NA	261	.02
1/16	41	34	38	-4	0	26	Trace	50	48	49	NA	NA	531	.00
1/17	55	21	38	-4	0	26	.00	54	44	49	NA	NA	3464	.06
1/18	59	21	40	-2	0	26	.00	53	44	49	NA	NA	3726	.07
1/19	65	25	45	3	0	26	.00	54	45	50	NA	NA	3527	.09
1/20	54	30	42	0	0	26	Trace	52	46	49	NA	NA	2356	.02
1/21	55	27	41	-1	0	26	.00	53	43	48	NA	NA	3405	.05
1/22	52	25	39	-3	0	26	.00	50	42	46	NA	NA	3720	.05
1/23	61	25	43	1	0	26	.00	52	42	47	NA	NA	3755	.08
1/24	65	25	45	3	0	26	.00	54	44	49	NA	NA	3272	.08
1/25	70	33	52	10	0	28	.00	55	48	52	NA	NA	2932	.08
1/26	73	35	54	11	0	32	.00	57	50	54	NA	NA	3350	.10
1/27	66	36	51	8	0	33	.44	56	43	50	NA	NA	854	.03
1/28	56	25	41	-2	0	33	.00	56	46	51	NA	NA	4022	.07
1/29	65	25	45	2	0	33	.00	55	50	53	NA	NA	3386	.08
1/30	59	38	49	6	0	33	1.00	54	53	54	NA	NA	556	.04
1/31	60	29	45	2	0	33	.00	60	50	55	NA	NA	3352	.06

AIR TEMPERATURES (in degrees F):
Mean Maximum= 58.5 Mean Minimum= 32.5 Average= 45.5
DFN= +5.3 DFN= +1.8 DFN= +3.6
Highest= 74 Lowest= 21

PRECIPITATION STATISTICS (inches):
Total= 9.57 DFN= +3.82 Greatest Daily= 2.40 Rain Days= 15

SOIL TEMPERATURES (in degrees F):
Highest= 60 Lowest= 42 Average= 51

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= 2123.9 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .04 (in)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
2/ 1	70	29	50	7	0	0	.00	58	52	55	NA	NA	4120	.11
2/ 2	80	55	68	25	8	18	.00	63	60	62	NA	NA	2796	.09
2/ 3	76	60	68	25	16	36	Trace	65	61	63	NA	NA	2302	.07
2/ 4	66	30	48	5	16	36	.23	60	51	56	NA	NA	520	.03
2/ 5	51	30	41	-3	16	36	.48	51	47	49	NA	NA	1090	.02
2/ 6	40	26	33	-11	16	36	.79	48	45	47	NA	NA	558	.00
2/ 7	31	21	26	-18	16	36	.24	44	42	43	NA	NA	435	.00
2/ 8	32	19	26	-18	16	36	.00	47	41	44	NA	NA	2904	.00
2/ 9	43	18	31	-13	16	36	.00	50	39	45	NA	NA	4224	.04
2/10	36	12	24	-20	16	36	.00	47	39	43	NA	NA	4466	.02
2/11	49	12	31	-14	16	36	.00	48	40	44	NA	NA	4285	.06
2/12	60	19	40	-5	16	36	.00	51	45	48	NA	NA	4472	.10
2/13	67	34	51	6	16	37	.09	56	51	54	NA	NA	4225	.10
2/14	70	51	61	16	17	48	Trace	57	57	57	NA	NA	2174	.05
2/15	79	61	70	24	27	68	Trace	61	60	61	NA	NA	1883	.07
2/16	81	52	67	21	34	85	Trace	67	60	64	NA	NA	2471	.10
2/17	55	41	48	2	34	85	.17	59	54	57	NA	NA	787	.02
2/18	45	37	41	-5	34	85	.13	53	49	51	NA	NA	344	.00
2/19	41	36	39	-8	34	85	.51	49	47	48	NA	NA	569	.00
2/20	46	36	41	-6	34	85	.03	50	47	49	NA	NA	1324	.00
2/21	65	43	54	7	34	89	2.17	55	52	54	NA	NA	544	.01
2/22	56	35	46	-1	34	89	Trace	55	50	53	NA	NA	1227	.01
2/23	40	17	29	-19	34	89	Trace	50	41	46	NA	NA	976	.01
2/24	35	14	25	-23	34	89	.00	49	40	45	NA	NA	4170	.02
2/25	43	14	29	-19	34	89	.00	48	40	44	NA	NA	5312	.07
2/26	54	16	35	-13	34	89	.00	49	40	45	NA	NA	3897	.07
2/27	63	40	52	3	34	91	.70	53	48	51	NA	NA	1608	.03
2/28	51	40	46	-3	34	91	3.21	51	46	49	NA	NA	241	.01

AIR TEMPERATURES (in degrees F):
Mean Maximum= 54.5 Mean Minimum= 32.1 Average= 43.3
DFN= -3.1 DFN= -1.0 DFN= -2.1
Highest= 81 Lowest= 12

PRECIPITATION STATISTICS (inches):
Total= 8.75 DFN= +3.67 Greatest Daily= 3.21 Rain Days= 12

SOIL TEMPERATURES (in degrees F):
Highest= 67 Lowest= 39 Average= 51

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= 2283.0 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .04 (in)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
3/ 1	58	38	48	-1	0	0	.00	58	46	52	.11	NA	4819	.08
3/ 2	49	38	44	-5	0	0	.00	49	48	49	.06	NA	827	.00
3/ 3	57	42	50	0	0	0	.00	52	50	51	.06	NA	1646	.01
3/ 4	62	45	54	4	0	4	Trace	55	53	54	.09	NA	2648	.05
3/ 5	70	50	60	10	0	14	.45	60	53	57	NA	NA	579	.03
3/ 6	71	32	52	1	0	16	1.74	61	50	56	NA	NA	436	.04
3/ 7	35	28	32	-19	0	16	Trace	50	45	48	.04	NA	667	.00
3/ 8	38	27	33	-18	0	16	Trace	46	41	44	NA	NA	1248	.00
3/ 9	51	28	40	-11	0	16	.00	57	44	51	.06	NA	4055	.05
3/10	64	30	47	-5	0	16	.00	57	46	52	.11	NA	5664	.13
3/11	75	33	54	2	0	20	.00	61	50	56	.18	NA	5754	.16
3/12	79	35	57	5	0	27	.00	63	50	57	.25	NA	5685	.17
3/13	84	38	61	9	1	38	.00	66	52	59	.14	NA	5474	.18
3/14	74	46	60	7	1	48	.00	74	58	66	.15	NA	3715	.11
3/15	84	53	69	16	10	67	.00	69	58	64	.25	NA	5457	.17
3/16	78	40	59	6	10	76	.18	68	56	62	.14	NA	3056	.11
3/17	73	40	57	4	10	83	.00	66	55	61	.13	NA	5437	.15
3/18	81	43	62	8	12	95	.00	67	60	64	.20	NA	4561	.15
3/19	70	35	53	-1	12	98	Trace	64	55	60	.10	NA	2106	.07
3/20	67	35	51	-3	12	99	.18	65	58	62	.15	NA	5086	.12
3/21	79	46	63	8	15	112	1.08	66	61	64	.26	NA	4285	.14
3/22	48	34	41	-14	15	112	.12	58	51	55	.06	NA	979	.03
3/23	55	43	49	-6	15	112	.04	57	43	50	.04	NA	3406	.04
3/24	49	43	46	-10	15	112	.10	54	53	54	.07	NA	1107	.00
3/25	53	43	48	-8	15	112	.05	57	45	51	.01	NA	1558	.03
3/26	66	44	55	-1	15	117	Trace	59	55	57	.05	NA	2916	.07
3/27	74	45	60	3	15	127	.00	66	59	63	.07	NA	3702	.11
3/28	82	55	69	12	24	146	.00	71	63	67	.20	NA	5886	.17
3/29	82	58	70	13	34	166	.00	71	65	68	.24	NA	5305	.16
3/30	75	57	66	8	40	182	1.09	65	63	64	.11	NA	1404	.06
3/31	78	47	63	5	43	195	Trace	69	63	66	.15	NA	3687	.12

AIR TEMPERATURES (in degrees F):
Mean Maximum= 66.5 Mean Minimum= 41.0 Average= 53.7
DFN= +.6 DFN= +.8 DFN= +.7
Highest= 84 Lowest= 27

PRECIPITATION STATISTICS (inches):
Total= 5.03 DFN= -1.70 Greatest Daily= 1.74 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 74 Lowest= 41 Average= 57

AVERAGE DAILY VALUES:
Pan Evaporation= .12 (in) Hours of Wet Vegetation= NA
Solar Energy= 3327.6 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .09 (in)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
4/ 1	60	28	44	-14	0	0	Trace	65	55	60	.12	NA	3608	.08
4/ 2	65	30	48	-11	0	0	.00	66	55	61	.16	NA	6887	.16
4/ 3	74	45	60	1	0	10	.00	65	55	60	.27	NA	6040	.16
4/ 4	65	60	63	4	3	23	2.06	76	56	66	NA	NA	NA	.06
4/ 5	76	41	59	0	3	32	1.16	73	56	65	NA	NA	NA	.19
4/ 6	66	29	48	-12	3	32	.06	65	55	60	.17	NA	NA	.17
4/ 7	57	29	43	-17	3	32	.08	68	55	62	.07	NA	NA	.11
4/ 8	63	39	51	-9	3	33	.00	64	55	60	.24	NA	NA	.12
4/ 9	62	35	49	-12	3	33	.08	59	55	57	.08	NA	NA	.12
4/10	57	38	48	-13	3	33	Trace	60	55	58	.03	NA	NA	.08
4/11	48	27	38	-23	3	33	Trace	55	50	53	.03	NA	NA	.06
4/12	58	29	44	-17	3	33	.00	61	50	56	.19	NA	NA	.12
4/13	67	30	49	-13	3	33	.00	62	52	57	.16	NA	NA	.18
4/14	74	31	53	-9	3	36	.00	65	54	60	.19	NA	NA	.22
4/15	69	38	54	-8	3	40	.06	58	54	56	.07	NA	NA	.16
4/16	63	38	51	-12	3	41	Trace	61	56	59	.06	NA	NA	.13
4/17	75	38	57	-6	3	48	.00	69	59	64	.21	NA	NA	.20
4/18	83	42	63	0	6	61	.00	72	61	67	.20	NA	NA	.24
4/19	85	43	64	1	10	75	.00	74	62	68	.27	NA	NA	.25
4/20	68	45	57	-7	10	82	.24	65	56	61	.07	NA	2769	.08
4/21	78	46	62	-2	12	94	.00	75	55	65	.20	NA	5393	.16
4/22	80	45	63	-1	15	107	.00	78	59	69	.19	NA	NA	.22
4/23	86	47	67	3	22	124	.00	81	61	71	.25	NA	NA	.25
4/24	86	56	71	7	33	145	.00	80	64	72	.35	NA	NA	.22
4/25	86	54	70	5	43	165	.00	81	66	74	.28	NA	NA	.23
4/26	86	54	70	5	53	185	.00	81	65	73	.31	NA	6284	.20
4/27	87	56	72	7	65	207	.00	81	66	74	.24	NA	5796	.19
4/28	88	56	72	7	77	229	.00	83	68	76	.28	NA	6042	.20
4/29	89	59	74	8	91	253	.03	85	68	77	.26	NA	6551	.21
4/30	82	56	69	3	100	272	.00	86	70	78	.22	NA	5002	.16

AIR TEMPERATURES (in degrees F):
Mean Maximum= 72.8 Mean Minimum= 42.1 Average= 57.5
DFN= -3.3 DFN= -6.1 DFN= -4.7
Highest= 89 Lowest= 27

PRECIPITATION STATISTICS (inches):
Total= 3.77 DFN= -1.64 Greatest Daily= 2.06 Rain Days= 8

SOIL TEMPERATURES (in degrees F):
Highest= 86 Lowest= 50 Average= 64

AVERAGE DAILY VALUES:
Pan Evaporation= .18 (in) Hours of Wet Vegetation= NA
Solar Energy= 5437.2 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .16 (in)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
5/ 1	83	59	71	5	11	21	.83	80	69	75	.19	NA	NA	.20
5/ 2	71	48	60	-6	11	31	.00	76	63	70	.15	NA	NA	.15
5/ 3	71	49	60	-7	11	41	.00	89	62	76	.24	NA	NA	.15
5/ 4	65	49	57	-10	11	48	.19	68	62	65	.07	NA	NA	.11
5/ 5	63	54	59	-8	11	57	1.26	62	62	62	.02	NA	NA	.09
5/ 6	75	51	63	-4	14	70	1.11	72	61	67	NA	NA	NA	.17
5/ 7	70	37	54	-14	14	74	Trace	73	56	65	.31	NA	NA	.19
5/ 8	72	42	57	-11	14	81	.00	76	56	66	.23	NA	NA	.18
5/ 9	75	45	60	-8	14	91	.22	75	59	67	.25	NA	5351	.15
5/10	77	55	66	-2	20	107	.11	73	65	69	.11	NA	3595	.11
5/11	71	41	56	-12	20	113	.00	75	59	67	.23	NA	6637	.17
5/12	72	37	55	-14	20	118	.00	79	59	69	.35	NA	8385	.21
5/13	73	40	57	-12	20	125	.00	80	57	69	.12	NA	8355	.21
5/14	66	55	61	-8	21	136	.03	69	63	66	.08	NA	2880	.06
5/15	68	54	61	-8	22	147	.44	67	62	65	.03	NA	1624	.05
5/16	79	48	64	-6	26	161	.00	74	62	68	.18	NA	6174	.18
5/17	78	51	65	-5	31	176	.00	78	51	65	.19	NA	6204	.17
5/18	82	56	69	-1	40	195	.00	82	55	69	.23	NA	6811	.19
5/19	77	64	71	1	51	216	.16	74	68	71	.10	NA	2630	.09
5/20	84	65	75	4	66	241	.04	80	67	74	.20	NA	5271	.16
5/21	80	56	68	-3	74	259	.00	81	67	74	.11	NA	3503	.12
5/22	87	62	75	4	89	284	.00	88	66	77	.23	NA	7509	.22
5/23	85	60	73	2	102	307	.11	86	71	79	.29	NA	5261	.17
5/24	88	60	74	2	116	331	.00	90	70	80	.23	NA	7492	.22
5/25	85	62	74	2	130	355	.00	90	73	82	.23	NA	6265	.19
5/26	89	74	82	10	152	387	.00	89	73	81	.25	NA	5841	.18
5/27	89	71	80	8	172	417	.00	91	76	84	.31	NA	6488	.20
5/28	84	55	70	-3	182	437	.00	90	70	80	.19	NA	5116	.17
5/29	86	52	69	-4	191	456	.00	92	70	81	.30	NA	8373	.24
5/30	88	56	72	-1	203	478	.00	92	69	81	.28	NA	7516	.23
5/31	89	63	76	3	219	504	.00	92	72	82	.23	NA	7132	.22

AIR TEMPERATURES (in degrees F):
Mean Maximum= 78.1 Mean Minimum= 53.9 Average= 66.0
DFN= -4.8 DFN= -1.9 DFN= -3.3
Highest= 89 Lowest= 37

PRECIPITATION STATISTICS (inches):
Total= 4.50 DFN= -.38 Greatest Daily= 1.26 Rain Days= 11

SOIL TEMPERATURES (in degrees F):
Highest= 92 Lowest= 51 Average= 72

AVERAGE DAILY VALUES:
Pan Evaporation= .20 (in) Hours of Wet Vegetation= NA
Solar Energy= 5844.0 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .17 (in)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
6/ 1	91	64	78	4	18	28	.00	95	75	85	.31	NA	7455	.23
6/ 2	92	67	80	6	38	58	.00	95	75	85	.25	NA	6567	.21
6/ 3	86	64	75	1	53	83	Trace	91	75	83	.13	NA	4208	.15
6/ 4	81	66	74	0	67	107	.50	81	74	78	.06	NA	1972	.08
6/ 5	85	66	76	1	83	133	.37	89	74	82	.17	NA	4257	.14
6/ 6	76	62	69	-6	92	152	.69	80	70	75	.15	NA	3007	.09
6/ 7	79	52	66	-9	98	168	.00	85	67	76	.22	NA	6363	.18
6/ 8	84	55	70	-5	108	188	.07	87	66	77	.19	NA	7392	.21
6/ 9	77	65	71	-5	119	209	1.15	75	72	74	.09	NA	1632	.07
6/10	84	60	72	-4	131	231	.00	85	71	78	.20	NA	6322	.19
6/11	87	64	76	0	147	257	.00	87	71	79	.23	NA	6523	.20
6/12	85	66	76	0	163	283	.76	86	73	80	.29	NA	5548	.17
6/13	88	65	77	1	180	310	.72	86	75	81	.32	NA	NA	.22
6/14	85	65	75	-2	195	335	.21	86	74	80	.21	NA	NA	.20
6/15	83	66	75	-2	210	360	.96	85	74	80	NA	NA	NA	.19
6/16	75	59	67	-10	217	377	.33	78	70	74	.08	NA	NA	.16
6/17	79	54	67	-10	224	394	.00	80	67	74	.23	NA	NA	.20
6/18	83	60	72	-5	236	416	.00	87	67	77	.15	NA	NA	.20
6/19	87	63	75	-2	251	441	1.75	86	73	80	NA	NA	NA	.22
6/20	83	62	73	-5	264	464	.00	86	73	80	.14	NA	NA	.20
6/21	83	62	73	-5	277	487	.40	86	72	79	.16	NA	NA	.20
6/22	88	66	77	-1	294	514	.09	87	72	80	.17	NA	NA	.22
6/23	88	62	75	-3	309	539	.08	90	73	82	.18	NA	NA	.23
6/24	87	65	76	-2	325	565	.00	90	72	81	.20	NA	3184	.13
6/25	89	67	78	0	343	593	.00	90	74	82	.22	NA	5434	.18
6/26	93	68	81	3	364	624	.00	93	76	85	.21	NA	7140	.23
6/27	92	68	80	2	384	654	.00	93	78	86	.28	NA	NA	.24
6/28	89	68	79	1	403	683	.00	93	78	86	.30	NA	NA	.22
6/29	88	70	79	0	422	712	.14	91	78	85	.10	NA	NA	.20
6/30	85	69	77	-2	439	739	.06	87	79	83	.13	NA	NA	.19

AIR TEMPERATURES (in degrees F):
Mean Maximum= 85.1 Mean Minimum= 63.7 Average= 74.4
DFN= -4.5 DFN= +.7 DFN= -1.9
Highest= 93 Lowest= 52

PRECIPITATION STATISTICS (inches):
Total= 8.28 DFN= +4.86 Greatest Daily= 1.75 Rain Days= 16

SOIL TEMPERATURES (in degrees F):
Highest= 95 Lowest= 66 Average= 80

AVERAGE DAILY VALUES:
Pan Evaporation= .19 (in) Hours of Wet Vegetation= NA
Solar Energy= 5133.6 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .18 (in)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
7/ 1	89	67	78	-1	18	28	.05	91	66	79	.18	NA	NA	.22
7/ 2	80	67	74	-5	32	52	.55	82	66	74	.05	NA	NA	.16
7/ 3	81	70	76	-3	48	78	.11	82	74	78	.11	NA	NA	.16
7/ 4	85	68	77	-2	65	105	.92	86	74	80	.18	NA	NA	.19
7/ 5	84	67	76	-3	81	131	.35	86	74	80	.24	NA	NA	.19
7/ 6	88	67	78	-1	99	159	.02	89	75	82	.14	NA	NA	.21
7/ 7	89	70	80	0	119	189	.00	91	75	83	.21	NA	NA	.21
7/ 8	86	71	79	-1	138	218	Trace	86	71	79	.17	NA	5117	.16
7/ 9	91	67	79	-1	157	247	.00	94	79	87	.23	NA	6233	.20
7/10	88	66	77	-3	174	274	.00	94	77	86	.21	NA	5863	.19
7/11	86	67	77	-3	191	301	1.84	93	77	85	.37	NA	5726	.18
7/12	90	67	79	-1	210	330	.06	92	76	84	.20	NA	6430	.20
7/13	91	67	79	-1	229	359	.12	93	76	85	.17	NA	6928	.22
7/14	86	69	78	-2	247	387	.00	90	76	83	.20	NA	5788	.17
7/15	93	65	79	-1	266	416	.00	93	76	85	.24	NA	5 NA	.21
7/16	90	65	78	-2	284	444	.35	94	74	84	.22	NA	7266	.22
7/17	82	64	73	-7	297	467	2.04	86	75	81	NA	NA	3406	.12
7/18	87	64	76	-4	313	493	.00	90	73	82	.21	NA	6886	.20
7/19	88	67	78	-2	331	521	.01	90	76	83	.20	NA	6196	.19
7/20	88	65	77	-3	348	548	.19	89	75	82	.19	NA	4912	.17
7/21	82	61	72	-8	360	570	.00	89	74	82	.25	NA	7044	.19
7/22	84	62	73	-7	373	593	.17	90	73	82	.19	NA	6207	.18
7/23	85	64	75	-5	388	618	.34	86	74	80	.15	NA	4360	.15
7/24	86	68	77	-3	405	645	.06	86	73	80	.14	NA	4622	.15
7/25	87	67	77	-3	422	672	.00	86	76	81	.12	NA	3906	.14
7/26	92	68	80	0	442	702	.00	95	77	86	.21	NA	7439	.23
7/27	95	69	82	2	464	734	.00	92	80	86	.31	NA	7266	.23
7/28	95	68	82	2	486	766	.00	97	80	89	.25	NA	6936	.23
7/29	95	68	82	2	508	798	Trace	94	80	87	.28	NA	6796	.22
7/30	94	69	82	2	530	830	.00	93	80	87	.19	NA	5635	.20
7/31	93	68	81	1	551	861	.10	94	80	87	.24	NA	6117	.20

AIR TEMPERATURES (in degrees F):
Mean Maximum= 88.1 Mean Minimum= 66.8 Average= 77.5
DFN= -4.2 DFN= +.0 DFN= -2.1
Highest= 95 Lowest= 61

PRECIPITATION STATISTICS (inches):
Total= 7.28 DFN= +2.20 Greatest Daily= 2.04 Rain Days= 17

SOIL TEMPERATURES (in degrees F):
Highest= 97 Lowest= 66 Average= 83

AVERAGE DAILY VALUES:
Pan Evaporation= .20 (in) Hours of Wet Vegetation= NA
Solar Energy= 5961.6 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .19 (in)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
8/ 1	92	68	80	0	20	30	.00	95	80	88	.26	NA	7278	.22
8/ 2	88	66	77	-3	37	57	.09	89	78	84	.12	NA	4008	.15
8/ 3	91	68	80	0	57	87	Trace	92	78	85	.21	NA	6298	.20
8/ 4	93	62	78	-2	75	115	.00	95	78	87	.34	NA	7420	.24
8/ 5	93	62	78	-2	93	143	.00	95	76	86	.27	NA	7531	.24
8/ 6	92	67	80	0	113	173	.00	96	78	87	.30	NA	7373	.23
8/ 7	94	67	81	1	134	204	1.35	96	79	88	.36	NA	5596	.20
8/ 8	85	54	70	-9	144	224	.00	88	72	80	.28	NA	6262	.19
8/ 9	78	53	66	-13	150	240	.00	80	70	75	.25	NA	8035	.21
8/10	82	55	69	-10	159	259	.00	86	70	78	.20	NA	6847	.19
8/11	84	57	71	-8	170	280	.00	87	72	80	.22	NA	6418	.19
8/12	86	57	72	-7	182	302	.00	89	73	81	.20	NA	6133	.19
8/13	87	55	71	-8	193	323	.00	90	72	81	.25	NA	7057	.21
8/14	89	57	73	-6	206	346	.00	92	74	83	.20	NA	7475	.23
8/15	89	60	75	-4	221	371	.21	90	78	84	.21	NA	5865	.19
8/16	88	64	76	-3	237	397	.00	95	76	86	.20	NA	6322	.19
8/17	90	63	77	-2	254	424	.30	90	75	83	.14	NA	4514	.17
8/18	86	60	73	-6	267	447	.00	89	74	82	.15	NA	4965	.16
8/19	89	60	75	-4	282	472	.00	89	61	75	.19	NA	6672	.21
8/20	89	63	76	-3	298	498	.00	89	75	82	.16	NA	5931	.19
8/21	89	65	77	-1	315	525	.00	89	76	83	.27	NA	5430	.18
8/22	93	67	80	2	335	555	.00	94	77	86	.26	NA	7054	.22
8/23	94	68	81	3	356	586	.00	94	80	87	.23	NA	6277	.21
8/24	94	69	82	4	378	618	.00	94	80	87	.26	NA	6262	.21
8/25	93	69	81	3	399	649	Trace	80	NA	NA	.21	NA	5355	.19
8/26	93	68	81	3	420	680	.00	93	77	85	.18	NA	5324	.19
8/27	92	67	80	2	440	710	.06	91	79	85	.16	NA	4738	.17
8/28	94	67	81	3	461	741	.00	93	80	87	.20	NA	6242	.21
8/29	96	68	82	4	483	773	.00	95	80	88	.25	NA	6536	.22
8/30	93	69	81	4	504	804	Trace	95	80	88	.17	NA	6270	.20
8/31	91	68	80	3	524	834	1.28	88	80	84	.21	NA	2796	.13

AIR TEMPERATURES (in degrees F):
Mean Maximum= 89.9 Mean Minimum= 63.3 Average= 76.6
DFN= -1.8 DFN= -2.5 DFN= -2.1
Highest= 96 Lowest= 53

PRECIPITATION STATISTICS (inches):
Total= 3.29 DFN= +.16 Greatest Daily= 1.35 Rain Days= 6

SOIL TEMPERATURES (in degrees F):
Highest= 96 Lowest= 61 Average= 84

AVERAGE DAILY VALUES:
Pan Evaporation= .22 (in) Hours of Wet Vegetation= NA
Solar Energy= 6138.2 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .20 (in)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
9/ 1	90	68	79	2	19	29	.00	89	80	85	.17	NA	5127	.17
9/ 2	94	67	81	4	40	60	.13	88	80	84	.24	NA	5846	.20
9/ 3	88	64	76	-1	56	86	.00	86	78	82	.14	NA	3971	.15
9/ 4	90	66	78	1	74	114	.00	88	78	83	.26	NA	6984	.21
9/ 5	85	62	74	-3	88	138	.00	84	76	80	.18	NA	4173	.14
9/ 6	88	61	75	-1	103	163	.00	86	75	81	.24	NA	6609	.20
9/ 7	84	61	73	-3	116	186	.00	83	76	80	.18	NA	5224	.16
9/ 8	86	62	74	-2	130	210	.00	84	76	80	.31	NA	4203	.14
9/ 9	92	63	78	2	148	238	.00	87	76	82	.22	NA	6463	.21
9/10	90	67	79	3	167	267	.05	87	76	82	.11	NA	4520	.16
9/11	86	68	77	2	184	294	.12	85	79	82	.13	NA	3663	.13
9/12	85	65	75	0	199	319	Trace	85	78	82	.03	NA	3517	.12
9/13	89	64	77	2	216	346	.05	86	77	82	.22	NA	3860	.15
9/14	90	64	77	3	233	373	.00	88	76	82	.17	NA	4924	.17
9/15	89	62	76	2	249	399	.76	86	76	81	.28	NA	3798	.15
9/16	70	54	62	-12	251	411	Trace	77	73	75	.05	NA	1338	.04
9/17	73	51	62	-11	253	423	.00	77	70	74	.08	NA	2865	.08
9/18	80	51	66	-7	259	439	.00	80	70	75	.15	NA	5065	.15
9/19	92	53	73	0	272	462	.00	80	72	76	.10	NA	5861	.20
9/20	84	54	69	-4	281	481	.00	81	71	76	.20	NA	6272	.19
9/21	84	55	70	-2	291	501	.00	81	72	77	.20	NA	5925	.18
9/22	85	56	71	-1	302	522	.19	80	71	76	.13	NA	4596	.15
9/23	75	58	67	-5	309	539	.62	76	72	74	.12	NA	1273	.05
9/24	67	41	54	-17	309	543	.00	72	62	67	.08	NA	1251	.04
9/25	71	42	57	-14	309	550	.26	72	62	67	.15	NA	4634	.12
9/26	62	52	57	-13	309	557	.41	67	64	66	.10	NA	879	.01
9/27	78	54	66	-4	315	573	.00	72	66	69	.20	NA	5217	.14
9/28	75	55	65	-4	320	588	Trace	72	65	69	.13	NA	2904	.09
9/29	65	53	59	-10	320	597	1.98	68	65	67	NA	NA	660	.01
9/30	67	55	61	-8	321	608	1.13	67	64	66	.12	NA	914	.02

AIR TEMPERATURES (in degrees F):
Mean Maximum= 81.8 Mean Minimum= 58.3 Average= 70.0
DFN= -4.8 DFN= -1.9 DFN= -3.4
Highest= 94 Lowest= 41

PRECIPITATION STATISTICS (inches):
Total= 5.70 DFN= +1.85 Greatest Daily= 1.98 Rain Days= 11

SOIL TEMPERATURES (in degrees F):
Highest= 89 Lowest= 62 Average= 77

AVERAGE DAILY VALUES:
Pan Evaporation= .16 (in) Hours of Wet Vegetation= NA
Solar Energy= 4084.5 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .13 (in)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	74	62	68	0	8	18	2.18	70	67	69	NA	NA	689	.03
10/ 2	78	58	68	0	16	36	Trace	76	70	73	.11	NA	3395	.10
10/ 3	83	57	70	3	26	56	.00	79	70	75	.14	NA	4343	.14
10/ 4	83	52	68	1	34	74	.00	80	68	74	.27	NA	5218	.16
10/ 5	79	45	62	-4	36	86	.00	77	65	71	.21	NA	5694	.16
10/ 6	83	45	64	-2	40	100	.00	77	65	71	.15	NA	5743	.18
10/ 7	86	49	68	2	48	118	Trace	77	65	71	.19	NA	5266	.17
10/ 8	72	40	56	-9	48	124	.00	73	64	69	.15	NA	2785	.09
10/ 9	72	36	54	-11	48	128	.00	77	61	69	.16	NA	5760	.15
10/10	71	35	53	-11	48	131	.00	71	60	66	.16	NA	5446	.14
10/11	77	35	56	-8	48	137	.00	72	59	66	.15	NA	5369	.16
10/12	81	40	61	-3	49	148	.00	74	61	68	.13	NA	5472	.17
10/13	85	44	65	2	54	163	.00	75	62	69	.15	NA	5322	.18
10/14	80	50	65	2	59	178	.00	71	65	68	.05	NA	2801	.10
10/15	83	49	66	4	65	194	.00	76	64	70	.13	NA	4834	.15
10/16	84	48	66	4	71	210	.00	76	64	70	.15	NA	4915	.16
10/17	77	66	72	11	83	232	.20	72	70	71	.03	NA	1003	.04
10/18	79	58	69	8	92	251	.02	76	68	72	.12	NA	2183	.08
10/19	53	35	44	-17	92	251	.02	66	59	63	.02	NA	530	.03
10/20	43	25	34	-26	92	251	.05	58	52	55	NA	NA	1257	.00
10/21	54	23	39	-21	92	251	.00	60	51	56	NA	NA	5058	.09
10/22	71	24	48	-12	92	251	.00	63	56	60	NA	NA	4839	.14
10/23	76	42	59	0	92	260	.00	78	59	69	.10	NA	4125	.12
10/24	77	41	59	0	92	269	.00	70	59	65	.14	NA	4689	.14
10/25	77	35	56	-3	92	275	.00	70	58	64	.15	NA	4710	.14
10/26	78	35	57	-1	92	282	.00	69	58	64	.14	NA	4549	.14
10/27	77	36	57	-1	92	289	.00	73	56	65	.16	NA	4874	.15
10/28	82	37	60	2	92	299	.00	67	56	62	.15	NA	4762	.16
10/29	78	38	58	1	92	307	.00	69	56	63	.13	NA	4430	.14
10/30	80	39	60	3	92	317	.00	70	58	64	.15	NA	4655	.15
10/31	80	45	63	7	95	330	.02	70	58	64	.13	NA	4146	.13

AIR TEMPERATURES (in degrees F):
Mean Maximum= 75.9 Mean Minimum= 42.7 Average= 59.3
DFN= -1.4 DFN= -3.6 DFN= -2.5
Highest= 86 Lowest= 23

PRECIPITATION STATISTICS (inches):
Total= 2.49 DFN= -.44 Greatest Daily= 2.18 Rain Days= 6

SOIL TEMPERATURES (in degrees F):
Highest= 80 Lowest= 51 Average= 67

AVERAGE DAILY VALUES:
Pan Evaporation= .14 (in) Hours of Wet Vegetation= NA
Solar Energy= 4156.8 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .13 (in)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	65	32	49	-7	0	0	.00	66	55	61	NA	NA	2557	.06
11/ 2	68	34	51	-5	0	1	.00	65	55	60	NA	NA	3881	.10
11/ 3	66	27	47	-8	0	1	.00	64	54	59	NA	NA	2724	.07
11/ 4	60	23	42	-13	0	1	.00	62	51	57	NA	NA	4604	.10
11/ 5	67	27	47	-8	0	1	.00	63	50	57	NA	NA	4508	.11
11/ 6	74	44	59	4	0	10	.63	62	54	58	NA	NA	2855	.09
11/ 7	61	51	56	2	0	16	.87	61	61	61	NA	NA	465	.02
11/ 8	68	57	63	9	3	29	.32	65	61	63	NA	NA	758	.01
11/ 9	72	38	55	2	3	34	.10	71	58	65	NA	NA	2325	.07
11/10	66	31	49	-4	3	34	.00	66	53	60	NA	NA	4432	.10
11/11	77	34	56	3	3	40	.00	65	53	59	NA	NA	4263	.13
11/12	81	36	59	6	3	49	.00	65	54	60	NA	NA	4230	.14
11/13	81	35	58	6	3	57	.00	66	54	60	NA	NA	4053	.14
11/14	78	35	57	5	3	64	.18	65	53	59	NA	NA	3961	.13
11/15	67	55	61	9	4	75	.56	64	61	63	NA	NA	683	.01
11/16	76	33	55	3	4	80	.32	63	53	58	NA	NA	1060	.07
11/17	46	16	31	-20	4	80	.00	55	45	50	NA	NA	2787	.02
11/18	49	17	33	-18	4	80	.00	54	43	49	NA	NA	3766	.05
11/19	61	27	44	-7	4	80	.00	55	46	51	NA	NA	2788	.06
11/20	55	29	42	-8	4	80	.00	57	48	53	NA	NA	2855	.04
11/21	73	32	53	3	4	83	.00	65	47	56	NA	NA	3883	.11
11/22	68	41	55	5	4	88	.08	60	50	55	NA	NA	3794	.09
11/23	48	30	39	-10	4	88	1.36	53	48	51	NA	NA	NA	.00
11/24	47	21	34	-15	4	88	.00	55	44	50	NA	NA	3740	.04
11/25	56	23	40	-9	4	88	.00	53	43	48	NA	NA	3589	.06
11/26	66	35	51	2	4	89	.00	55	44	50	NA	NA	2855	.07
11/27	66	51	59	10	4	98	Trace	60	55	58	NA	NA	817	.01
11/28	76	61	69	21	13	117	.33	67	60	64	.06	NA	NA	.07
11/29	58	28	43	-5	13	117	.00	62	50	56	NA	NA	2166	.03
11/30	49	19	34	-14	13	117	.00	55	44	50	NA	NA	3735	.04

AIR TEMPERATURES (in degrees F):
Mean Maximum= 64.8 Mean Minimum= 34.1 Average= 49.5
DFN= -.3 DFN= -3.8 DFN= -2.1
Highest= 81 Lowest= 16

PRECIPITATION STATISTICS (inches):
Total= 4.75 DFN= +.18 Greatest Daily= 1.36 Rain Days= 10

SOIL TEMPERATURES (in degrees F):
Highest= 71 Lowest= 43 Average= 56

AVERAGE DAILY VALUES:
Pan Evaporation= .06 (in) Hours of Wet Vegetation= NA
Solar Energy= 3004.8 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .07 (in)

Daily Weather Observations: Upper Coastal Plain Substation, Winfield

	AIR TEMPERATURE				GDD			4 INCH SOIL				VEG	SOLAR	
DATE	MAX	MIN	AVG	DFN	B60	B50	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	57	19	38	-10	0	0	.00	54	42	48	NA	NA	3503	.06
12/ 2	57	31	44	-3	0	0	.00	54	46	50	NA	NA	2193	.03
12/ 3	59	23	41	-6	0	0	.00	55	43	49	NA	NA	2332	.04
12/ 4	40	12	26	-21	0	0	.00	49	39	44	NA	NA	3845	.02
12/ 5	52	12	32	-15	0	0	.00	48	38	43	NA	NA	3748	.06
12/ 6	66	24	45	-1	0	0	.00	53	41	47	NA	NA	3582	.09
12/ 7	71	42	57	11	0	7	.00	67	46	57	NA	NA	2924	.08
12/ 8	50	33	42	-4	0	7	.73	51	49	50	NA	NA	602	.00
12/ 9	38	28	33	-12	0	7	.32	48	43	46	NA	NA	435	.00
12/10	35	28	32	-13	0	7	.06	44	42	43	NA	NA	607	.00
12/11	52	30	41	-4	0	7	Trace	51	48	50	NA	NA	3079	.03
12/12	51	30	41	-4	0	7	.24	51	46	49	NA	NA	425	.00
12/13	30	10	20	-25	0	7	Trace	49	38	44	NA	NA	820	.00
12/14	38	10	24	-21	0	7	.00	45	38	42	NA	NA	3603	.01
12/15	45	19	32	-13	0	7	Trace	46	38	42	NA	NA	2876	.01
12/16	49	7	28	-16	0	7	.00	48	36	42	NA	NA	2299	.03
12/17	27	7	17	-27	0	7	.00	37	36	37	NA	NA	3401	.00
12/18	31	18	25	-19	0	7	.00	40	36	38	NA	NA	1768	.00
12/19	37	26	32	-12	0	7	.36	40	38	39	NA	NA	625	.00
12/20	38	19	29	-15	0	7	.02	42	38	40	NA	NA	404	.00
12/21	44	19	32	-12	0	7	.00	44	36	40	NA	NA	3550	.02
12/22	37	1	19	-25	0	7	.00	41	35	38	NA	NA	3431	.01
12/23	13	-3	5	-39	0	7	.00	35	32	34	NA	NA	2583	.00
12/24	15	-3	6	-37	0	7	.00	32	32	32	NA	NA	3695	.00
12/25	26	1	14	-29	0	7	Trace	32	31	32	NA	NA	2820	.00
12/26	38	19	29	-14	0	7	.00	32	32	32	NA	NA	1786	.00
12/27	51	18	35	-8	0	7	.00	33	32	33	NA	NA	3411	.04
12/28	63	23	43	0	0	7	.00	41	33	37	NA	NA	3352	.08
12/29	64	24	44	1	0	7	.06	46	36	41	NA	NA	NA	.10
12/30	60	46	53	10	0	10	.04	51	41	46	NA	NA	835	.01
12/31	64	56	60	18	0	20	2.10	57	51	54	NA	NA	336	.00

AIR TEMPERATURES (in degrees F):
Mean Maximum= 45.1 Mean Minimum= 20.3 Average= 32.7
DFN= -11.0 DFN= -12.3 DFN= -11.7
Highest= 71 Lowest= -3

PRECIPITATION STATISTICS (inches):
Total= 3.93 DFN= -1.75 Greatest Daily= 2.10 Rain Days= 9

SOIL TEMPERATURES (in degrees F):
Highest= 67 Lowest= 31 Average= 42

AVERAGE DAILY VALUES:
Pan Evaporation= NA (in) Hours of Wet Vegetation= NA
Solar Energy= 2295.7 (W/Sq M ystdy)
Potential evapotranspiration (PET)= .02 (in)