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Auburn University Alabama Agricultural Experiment Station
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1985 ALABAMA AGRICULTURAL EXPERIMENT STATION WEATHER DATA

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

AGRICULTURAL WEATHER SERIES NUMBER	PUBLICATION TITLE
1	1964 AUBURN WEATHER DATA
2	1965 AUBURN WEATHER DATA
3	1966 AUBURN WEATHER DATA
4	1967 AUBURN WEATHER DATA
5	GROWING DEGREE DAYS FOR ALABAMA
6	1968 AUBURN WEATHER DATA
7	1969 AUBURN WEATHER DATA
8	1970 AUBURN WEATHER DATA
9	1971 AUBURN WEATHER DATA
10	1972 AUBURN WEATHER DATA
11	1973 AUBURN WEATHER DATA
12	1974 AUBURN WEATHER DATA
13	1975 AUBURN WEATHER DATA
14	1976 AUBURN WEATHER DATA
15	1977 AUBURN WEATHER DATA
16	1978 AUBURN WEATHER DATA
17	CLIMATE OF FREEZE IN ALABAMA
18	PRECIPITATION PROBABILITIES AND STATISTICS FOR ALABAMA
19	1979 AUBURN WEATHER DATA
20	1980 AUBURN WEATHER DATA
21	1981 AUBURN WEATHER DATA
22	1982 AUBURN WEATHER DATA
23	1983 AU AG EXPERIMENT STATION WEATHER DATA
24	1984 AU AG EXPERIMENT STATION WEATHER DATA
25	1985 AU AG EXPERIMENT STATION WEATHER DATA

Other Publications of Interest

AES Circular June 1976	Climatic Estimates for the E. V. Smith Research Center
ESSC Special Report	Alabama Daily Temperature Normals
AES Bulletin 477	An Atlas and Tables of Thunderstorm Probabilities in the Southeast
AES Bulletin 517	Climatic Features and Length of Growing Season in Alabama

1985 WEATHER SUMMARY FOR THE STATE OF ALABAMA

ANNUAL SUMMARY .....

Average temperatures for the year were near normal. The coldest temperatures occurred in January when readings below zero were recorded all the way to the Florida border. The warmest temperatures occurred in June when temperatures exceeded 100 degrees 1 or 2 days in the north and 2 to 6 days in the south.

Except for the extreme south, annual rainfall was 3 to 14 inches below normal. Rain was recorded on 96 to 123 days with totals between 40 and 55 inches. A noteworthy exception was in the Sand Mountain area where July thunderstorms provided over 19 inches of rain. Rainfall was below normal in January but above normal in February. Spring rainfall remained below normal from March through June. Showers in the summer provided rainfall closer to the normal during July and August. The remains of hurricane Danny provided most of the August rain over the northern and western counties. September rainfall was less than expected while October rainfall was above normal. The year ended with below normal rainfall in November and December.

In the counties along the Florida border and extreme southwest, higher annual rainfall totals of 60 to 73 inches were recorded. These totals were 3 to 9 inches above normal. Seven months had rainfall above normal and five were below. The most significant rain producers were hurricanes Elena in September, Juan in October, and Kate in November.

MONTHLY HIGHLIGHTS .....

January will be remembered as a month with some of the coldest temperatures ever recorded in Alabama. Below zero temperatures were observed as far south as the Florida border with a -1 degree reading at Brewton. The coldest was -14 at Belle Mina. Temperatures averaged 5 to 10 degrees below normal except for the extreme south where temperatures averaged slightly above normal. Precipitation totals of 2 to 3 inches over most of the state were about half of that usually expected. Snow fell across the extreme south.

February temperatures averaged 2 to 4 degrees below normal except over the Wiregrass area where temperatures averaged slightly above normal. Temperatures were colder than normal early in the month and warmer than normal late in the month. Temperature extremes were 82 at Geneva and 12 at Crossville. Freezing temperatures were reported around 10 days in the extreme south and 15 to 20 days over much of the central and north . Rainfall was above normal with 5 to 7 inch totals and local amounts to 9 inches.

Warmer and drier than normal weather prevailed in March. Temperatures averaged 2 to 5 degrees above normal. Freezing temperatures were reported over much of the state on the 18th and 19th. The coldest temperature reported was 25 degrees at Pittsview. Maximum temperatures of 80 and above were common during the last week. Much of the north and central portion received only 1 or 2 inches of rain with 3 to 5 inches in the south. These totals were 4 to 6 inches below normal over the north and central and 1 to 3 inches below normal in the south.

April was a second straight month Alabama received below normal rainfall. Totals were lowest over east central, southeast, and coastal portions where only 1 or 2 inches of rain fell. Three to 5 inches was common over the remainder of the state. Average temperatures were near normal. Much below normal temperatures prevailed around the 10th of the month with freezing temperatures across the north and 30s over the central and south. Several stations reported minimum temperatures in the mid and upper 20s. Temperatures were above normal late in the month with highs reaching close to 90. The highest temperature reported was 91 at Headland.

Rainfall varied widely in May. Totals ranged from 1 1/2 inches to over nine. These totals were 1 inch below normal to 4 above. Rainfall since January 1 was 2 to 10 inches below normal. Average temperatures were near normal. Extreme lows were in the low and mid 40s north and east central to mid 50s extreme southwest. Extreme afternoon highs were in the upper 80s north; exceeded 90 on 1 to 3 days in the central and southwest; and 4 to 7 days southeast.

June remained dry and hot. Average temperatures were near normal over the northern half and extreme southwest but 1 or 2 degrees above normal in the central and south. Some daytime highs were quite warm. Highs above 100 occurred on 1 or 2 days in the north and 2 to 6 days in the central and south. The only area not reporting above 100 degree temperatures was Mobile and Baldwin counties. Rainfall was below normal at almost all reporting stations with 3 to 8 inches in the north and southwest and 2 to 5 inches elsewhere. Rainfall totals since January 1 were 3 to 12 inches below normal.

July was wet except in the Wiregrass area. Rainfall totals exceeded 6 inches in most areas. Crossville recorded over 19 inches with almost 14 at Gadsden and 11 at Auburn. The Wiregrass area had slightly below normal rainfall with 4 to 5 inch totals. Average temperatures were 1 or 2 degrees below normal. Readings were 90 or higher on 10 to 15 days. Lows ranged from the mid 50s north to near 60 elsewhere.

August rainfall remained near normal while temperatures were 1 to 3 degrees below normal except in the south were they were near normal. Highs exceeded 90 degrees some 5 days in the northeast mountains to 24 days in the south. Rainfall at most locations was 4 to 6 inches but dry areas remained. Much of the rain over north and west central areas occurred at mid month and was associated with the remains of hurricane Danny. Demopolis and Auburn reported only 2 inches of rain in August.

September started with hurricane Elena moving just off the Alabama coast during the Labor Day weekend. Rainfall totals were 5 to 10 inches in the southwest, 3 to 5 inches in the extreme northwest, and less than 2 inches over the remainder of the state. The first part of September was warm with most of the state reporting highs above 90. Cooler temperatures prevailed the remainder of the month as frontal passages became more frequent. Lows were mostly in the 40s except for 50s near the coast. Temperatures did dip into the 30s over portions of the north by the end of September with scattered light frost reported in higher elevations of the northeast.

October was a warm month with temperatures averaging some 8 degrees above normal in the Wiregrass area and 5 degrees above normal over the the remainder of the state. A brief cold spell at the end of the first week brought lows into the 30s in the north and low to mid 40s elsewhere. Maximum temperatures reached 90 or above on 3 to 5 days over the Wiregrass area. Three to 6 inches of rain fell over most of the state. Tropical storm Juan brought over 12 inches of rain to the southwest late in the month

Temperatures remained warm in November and rainfall was light. Average temperatures were 6 to 10 degrees above normal. Lows during the first week were in the mid and upper 20s north, low and mid 30s central, and mid and upper 30s south. Temperatures then warmed to above normal for the remainder of the month. afternoon highs warmed to around 80 north and low and mid 80s central and south. Lows were mostly in the 50s and 60s. In the third week of november hurricane Kate left considerable rain over southwest Georgia but only 1 or 2 inch amounts in extreme southeast Alabama.

Colder temperatures finally returned in December. Average temperatures were 3 to 6 degrees below normal. Highs near 80 occurred over the south on December 1. The coldest temperatures occurred Christmas night with lows ranging from 0 to 5 degrees in colder locations of the north to mid teens along the coast. Rainfall totals averaged near 2 inches in the Tennessee Valley and 2 to 4 inches elsewhere. Frozen precipitation in December was limited to the extreme north where up to one inch of snow fell early on December 20. Snow flurries fell as far south as the Birmingham area Christmas night.

HISTORY OF THE AUBURN, ALABAMA, WEATHER STATION

The first official weather records for Auburn, Alabama, began in May 1894. 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 three 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. During 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 SE AWSC, AUBURN, ALABAMA

Agricultural data other than that published here is taken at the SE AWSC in Auburn, Alabama. This 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 pan 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.

The PET calculations are based on the Baier - Robertson Model. Ref: Soil Moisture Estimator Program System, Tech Bull. 78, Jan 1972, Plant Res Inst, Can Dept of Agri and Estimation of Latent Evaporation From Simple Weather Observations. Baier, W and Geo. W. Robertson, 1965, Can J Plant Sci. 45:276 - 284.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: AUBURN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
01/ 1	74	18	55	21	65	20	.00	67	56	62	.12	5	2470	.07
01/ 2	70	14	52	18	61	16	.40	64	58	61	.02	19	995	.03
01/ 3	54	-2	43	9	49	4	.63	59	51	55	.08	24	856	.00
01/ 4	51	-5	29	-5	40	-5	.16	55	45	50	NA	22	678	.01
01/ 5	29	-26	23	-11	26	-19	Trace	45	38	42	NA	0	364	.00
01/ 6	47	-8	20	-14	34	-11	.00	48	38	43	NA	2	3488	.03
01/ 7	49	-6	21	-13	35	-10	.00	50	38	44	NA	15	3640	.04
01/ 8	59	4	26	-8	43	-2	.00	53	40	47	NA	6	3488	.06
01/ 9	56	1	27	-7	42	-3	.00	53	39	46	NA	0	3655	.06
01/10	53	-2	31	-3	42	-3	.00	52	39	46	NA	0	3016	.03
01/11	51	-4	37	3	44	-1	.03	48	41	45	.03	7	1102	.00
01/12	43	-12	24	-10	34	-11	.00	46	38	42	NA	0	822	.00
01/13	39	-16	20	-14	30	-15	.00	45	36	41	NA	0	2740	.00
01/14	48	-7	20	-14	34	-11	.00	46	36	41	NA	0	3128	.03
01/15	51	-4	25	-9	38	-7	.00	48	37	43	NA	0	2953	.03
01/16	47	-8	24	-9	36	-8	.00	49	37	43	NA	0	3748	.03
01/17	52	-3	28	-5	40	-4	1.19	49	37	43	NA	14	3050	.03
01/18	47	-8	29	-4	38	-6	.10	47	39	43	NA	4	730	.00
01/19	52	-3	30	-3	41	-3	.00	51	39	45	NA	3	3594	.04
01/20	56	1	18	-15	37	-7	Trace	52	38	45	NA	0	3833	.07
01/21	18	-37	-7	-40	6	-38	Trace	39	32	36	NA	0	2507	.00
01/22	20	-36	-6	-39	7	-38	.00	32	31	32	NA	0	3821	.00
01/23	43	-13	9	-24	26	-19	.00	32	31	32	NA	0	3872	.04
01/24	43	-13	23	-10	33	-12	.00	33	32	33	NA	0	1962	.00
01/25	46	-10	24	-10	35	-10	.00	38	33	36	NA	13	1815	.00
01/26	55	-1	15	-19	35	-10	.00	49	35	42	NA	0	3909	.07
01/27	42	-14	16	-18	29	-16	.00	45	35	40	NA	0	4192	.03
01/28	45	-11	20	-14	33	-12	.10	40	34	37	NA	18	1726	.01
01/29	44	-12	23	-11	34	-11	.01	42	35	39	NA	4	483	.00
01/30	52	-4	23	-11	38	-7	Trace	50	35	43	NA	2	4297	.06
01/31	62	5	40	6	51	5	.40	51	40	46	NA	23	652	.01

AIR TEMPERATURES:
Mean Maximum= 48.3 DFN= -7.2 Mean Minimum= 24.6 DFN= -9.1 Average= 36.5 DFN= -8.1
Highest= 74 Lowest= -7

PRECIPITATION STATISTICS:
Total= 3.02 DFN= -2.12 Greatest Daily= 1.19 Rain Days= 9

AVERAGE DAILY VALUES:
Pan Evaporation= .06 Hours of Wet Vegetation= 5.8 Solar Energy= 2502.8
Average daily potential evapotranspiration (PET)= .03

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	10	1940
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 FARENHEIT.
NORMALS FOR PERIOD 1951-80. RECORDS BEGIN WITH 1906 DATA.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: AUBURN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
02/ 1	73	16	62	28	68	22	.01	59	51	55	.07	4	1500	.04
02/ 2	67	10	42	8	55	9	.76	57	51	54	.02	24	692	.02
02/ 3	42	-15	24	-10	33	-13	.00	51	39	45	NA	9	665	.00
02/ 4	47	-10	24	-10	36	-10	.00	52	38	45	NA	6	3576	.03
02/ 5	55	-2	34	0	45	-1	.91	53	39	46	.08	17	2922	.04
02/ 6	41	-16	36	2	39	-7	1.85	44	43	44	NA	24	352	.00
02/ 7	45	-13	26	-8	36	-10	.02	47	37	42	NA	5	738	.00
02/ 8	47	-11	20	-14	34	-12	.00	48	36	42	NA	0	3557	.04
02/ 9	47	-11	21	-13	34	-12	.00	48	36	42	NA	0	4672	.06
02/10	57	-1	27	-7	42	-4	.00	51	36	44	NA	0	4523	.08
02/11	61	3	30	-4	46	0	.04	54	37	46	NA	6	4438	.09
02/12	56	-3	25	-10	41	-6	.39	50	37	44	NA	10	755	.00
02/13	40	-19	21	-14	31	-16	Trace	42	35	39	NA	0	2827	.00
02/14	49	-10	23	-12	36	-11	.00	46	35	41	NA	0	4840	.07
02/15	47	-12	23	-12	35	-12	.00	44	35	40	NA	0	1952	.00
02/16	46	-13	18	-17	32	-15	.00	47	35	41	NA	0	4207	.05
02/17	52	-7	22	-13	37	-10	.00	50	35	43	NA	0	4866	.08
02/18	63	3	28	-8	46	-2	.00	55	37	46	NA	0	4591	.10
02/19	60	0	41	5	51	3	Trace	52	41	47	.13	4	2415	.04
02/20	57	-3	41	5	49	1	.06	52	45	49	.03	22	1267	.00
02/21	67	7	41	5	54	6	.00	61	45	53	.16	3	5001	.11
02/22	67	6	43	7	55	6	.00	61	46	54	.20	5	4934	.11
02/23	72	11	50	13	61	12	.00	64	49	57	.18	2	4291	.11
02/24	73	12	56	19	65	16	.00	63	53	58	.15	5	2536	.07
02/25	61	0	54	17	58	9	1.59	58	55	57	.02	24	562	.03
02/26	68	7	55	18	62	13	1.63	60	55	58	NA	24	1015	.02
02/27	65	3	50	12	58	8	.01	61	54	58	.01	24	1045	.02
02/28	64	2	37	-1	51	1	.01	61	47	54	.06	21	2215	.05

AIR TEMPERATURES:
Mean Maximum= 56.8 Mean Minimum= 34.8 Average= 45.8
DFN= -2.4 DFN= -.5 DFN= -1.4
Highest= 73 Lowest= 18

PRECIPITATION STATISTICS:
Total= 7.48 DFN= +2.14 Greatest Daily= 1.85 Rain Days= 12

AVERAGE DAILY VALUES:
Pan Evaporation= .09 Hours of Wet Vegetation= 8.5 Solar Energy= 2748.4
Average daily potential evapotranspiration (PET)= .04

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	76	1950	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	18	1962
8	58	34	46	80	1957	18	1951
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	77	1922	17	1958
22	61	36	49	78	1976	12	1963
23	61	37	49	79	1927	14	1963
24	61	37	49	78	1980	21	1947
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 FARENHEIT.
NORMALS FOR PERIOD 1951-80. RECORDS BEGIN WITH 1906 DATA.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: AUBURN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
03/ 1	68	6	39	1	54	4	.10	63	47	55	.18	6	5380	.13
03/ 2	54	-8	43	5	49	-1	.42	54	50	52	NA	22	995	.02
03/ 3	66	3	45	6	56	5	.00	62	49	56	.11	11	3215	.07
03/ 4	72	9	49	10	61	10	.00	66	49	58	.22	7	5127	.13
03/ 5	77	14	49	10	63	12	.10	65	52	59	.15	9	3071	.10
03/ 6	69	6	38	-2	54	2	.01	65	47	56	.18	0	3514	.09
03/ 7	69	5	40	0	55	3	.00	66	47	57	.24	0	5698	.14
03/ 8	69	5	45	5	57	5	.00	64	48	56	.16	6	4380	.10
03/ 9	78	14	53	13	66	14	.00	71	52	62	.18	10	5240	.14
03/10	80	15	48	7	64	11	.00	70	54	62	.21	2	3523	.12
03/11	77	12	50	9	64	11	.00	71	54	63	.20	0	5330	.15
03/12	79	14	54	13	67	14	.00	71	55	63	.20	0	4631	.13
03/13	72	7	44	2	58	4	Trace	68	52	60	.19	0	2452	.08
03/14	74	8	49	7	62	8	.00	69	52	61	.13	13	4076	.11
03/15	75	9	47	5	61	7	.00	71	55	63	.19	0	3594	.11
03/16	69	3	46	4	58	4	.05	71	54	63	.11	8	5026	.12
03/17	50	-17	45	2	48	-7	.11	54	51	53	.01	15	438	.00
03/18	64	-3	33	-10	49	-6	.00	61	44	53	.18	0	3265	.08
03/19	60	-7	33	-10	47	-8	.00	65	44	55	.23	0	6300	.13
03/20	67	-1	34	-9	51	-5	.00	67	44	56	.21	0	6264	.15
03/21	70	2	43	-1	57	1	.59	67	47	57	.21	10	5212	.13
03/22	61	-7	53	9	57	1	.60	58	54	56	.11	15	1102	.01
03/23	63	-5	44	0	54	-2	.00	63	52	58	.03	4	2617	.05
03/24	69	0	49	5	59	2	.27	68	53	61	.30	11	5860	.13
03/25	68	-1	45	0	57	0	Trace	67	52	60	.27	4	5756	.13
03/26	68	-1	42	-3	55	-2	.00	69	49	59	.29	0	6227	.14
03/27	73	3	40	-5	57	-1	.00	70	49	60	.23	4	6400	.17
03/28	72	2	52	6	62	4	Trace	65	51	58	.18	1	3520	.09
03/29	78	8	61	15	70	12	.00	70	59	65	.18	9	3166	.10
03/30	81	10	60	14	71	12	.00	74	61	68	.20	8	3979	.13
03/31	80	9	63	17	72	13	.00	76	62	69	.23	13	4715	.13

AIR TEMPERATURES:
Mean Maximum= 70.1 Mean Minimum= 46.3 Average= 58.2
DFN= +3.7 DFN= +4.0 DFN= +3.9
Highest= 81 Lowest= 33

PRECIPITATION STATISTICS:
Total= 2.25 DFN= -4.60 Greatest Daily= .60 Rain Days= 9

AVERAGE DAILY VALUES:
Pan Evaporation= .18 Hours of Wet Vegetation= 6.1 Solar Energy= 4195.9
Average daily potential evapotranspiration (PET)= .11

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	25	1934
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 FARENHEIT.
NORMALS FOR PERIOD 1951-80. RECORDS BEGIN WITH 1906 DATA.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: AUBURN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
04/ 1	70	-1	37	-10	54	-5	.30	65	50	58	.03	5	2180	.08
04/ 2	67	-5	42	-5	55	-5	.00	70	51	61	.28	0	7000	.16
04/ 3	64	-8	33	-14	49	-11	.00	67	48	58	.19	0	5506	.13
04/ 4	76	3	43	-4	60	0	.00	71	48	60	.25	5	6834	.18
04/ 5	79	6	55	7	67	6	.00	76	54	65	.29	7	6647	.18
04/ 6	71	-2	41	-7	56	-5	.76	67	53	60	.24	16	2317	.08
04/ 7	72	-1	48	0	60	-1	Trace	73	53	63	.22	1	6927	.17
04/ 8	77	3	43	-5	60	-1	.00	76	53	65	.31	0	6698	.18
04/ 9	64	-10	35	-14	50	-12	.00	72	49	61	.21	0	7157	.16
04/10	63	-11	37	-12	50	-12	.00	71	48	60	.27	0	7278	.16
04/11	69	-6	44	-5	57	-5	.00	73	48	61	.23	2	7158	.17
04/12	74	-1	51	2	63	1	.00	73	52	63	.20	0	5677	.15
04/13	73	-2	55	5	64	1	.00	73	57	65	.17	4	3883	.10
04/14	72	-4	56	6	64	1	Trace	73	60	67	.15	7	3680	.10
04/15	67	-9	54	4	61	-2	.55	68	60	64	.11	16	2260	.05
04/16	73	-3	46	-5	60	-4	.39	75	55	65	.20	18	4690	.13
04/17	71	-5	52	1	62	-2	.00	74	56	65	.23	11	6822	.16
04/18	84	7	55	4	70	6	.00	79	58	69	.23	9	6709	.20
04/19	81	4	58	7	70	6	.00	81	61	71	.29	6	7106	.19
04/20	82	5	54	2	68	3	.00	81	62	72	.21	11	5836	.17
04/21	83	6	54	2	69	4	.00	80	62	71	.18	NA	5271	.17
04/22	87	9	54	2	71	6	.00	85	62	74	.28	NA	6807	.21
04/23	84	6	61	9	73	8	.00	85	63	74	.27	NA	6784	.19
04/24	81	3	61	8	71	5	.01	84	66	75	.20	10	5201	.15
04/25	79	1	58	5	69	3	.00	81	64	73	.14	14	3998	.12
04/26	85	6	58	5	72	6	.00	88	65	77	.18	11	6531	.19
04/27	87	8	60	7	74	8	.00	88	67	78	.31	0	6145	.19
04/28	87	8	63	9	75	8	.00	89	69	79	.30	7	6079	.19
04/29	86	7	62	8	74	7	.00	87	68	78	.29	8	4921	.16
04/30	88	8	61	7	75	8	.00	91	69	80	.29	6	6624	.20

AIR TEMPERATURES:
Mean Maximum= 76.5 Mean Minimum= 51.0 Average= 63.8
DFN= +.7 DFN= +.6 DFN= +.7
Highest= 88 Lowest= 33

PRECIPITATION STATISTICS:
Total= 2.01 DFN= -3.30 Greatest Daily= .76 Rain Days= 5

AVERAGE DAILY VALUES:
Pan Evaporation= .22 Hours of Wet Vegetation= 6.4 Solar Energy= 5690.9
Average daily potential evapotranspiration (PET)= .16

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Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	29	1923
2	72	47	60	85	1982	30	1961
3	72	47	60	86	1945	32	1962
4	73	47	60	87	1934	30	1951
5	73	48	61	87	1934	31	1944
6	73	48	61	86	1978	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	88	1915	38	1953
23	78	52	65	89	1925	38	1927
24	78	53	66	92	1925	38	1959
25	78	53	66	88	1960	34	1910
26	79	53	66	90	1924	36	1910
27	79	53	66	89	1915	38	1978
28	79	54	67	91	1922	40	1928
29	79	54	67	90	1943	40	1928
30	80	54	67	94	1942	43	1925

ALL TEMPERATURES ARE IN DEGREES FARENHEIT.
NORMALS FOR PERIOD 1951-80. RECORDS BEGIN WITH 1906 DATA.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: AUBURN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
05/ 1	80	0	56	1	68	0	.00	89	68	79	.27	4	6362	.18
05/ 2	77	-3	64	9	71	3	.12	77	69	73	.11	13	3009	.09
05/ 3	74	-6	59	4	67	-1	.20	75	64	70	.08	13	2355	.07
05/ 4	73	-7	55	0	64	-4	.00	77	62	70	.23	2	4994	.13
05/ 5	76	-5	47	-9	62	-7	.00	85	61	73	.28	4	7579	.20
05/ 6	81	0	53	-3	67	-2	.00	88	62	75	.24	11	7522	.21
05/ 7	85	4	56	0	71	2	.00	91	66	79	.26	9	7005	.21
05/ 8	83	2	62	6	73	4	.28	86	69	78	.24	13	5846	.17
05/ 9	81	0	56	-1	69	0	.24	83	64	74	.18	15	4186	.14
05/10	65	-17	56	-1	61	-9	.26	70	63	67	.07	16	2042	.04
05/11	81	-1	58	1	70	0	.21	79	63	71	.08	18	4267	.14
05/12	84	2	61	4	73	3	.00	86	65	76	.27	13	6828	.20
05/13	87	5	63	5	75	5	.00	89	69	79	.27	12	6702	.20
05/14	91	8	64	6	78	7	.00	93	70	82	.28	9	7317	.23
05/15	90	7	64	6	77	6	.00	93	71	82	.30	7	6527	.21
05/16	87	4	54	-4	71	0	.00	93	68	81	.38	5	7452	.23
05/17	83	0	55	-4	69	-2	.00	91	68	80	.36	2	7826	.22
05/18	73	-10	50	-9	62	-9	Trace	80	63	72	.25	13	4567	.13
05/19	77	-7	54	-5	66	-6	.00	88	64	76	.30	0	7433	.19
05/20	82	-2	55	-4	69	-3	.00	91	67	79	.29	7	7262	.20
05/21	81	-3	59	-1	70	-2	.00	86	69	78	.19	11	4297	.14
05/22	89	5	65	5	77	5	.10	93	74	84	.30	NA	6541	.20
05/23	80	-5	66	6	73	0	Trace	88	71	80	.20	11	3861	.12
05/24	81	-4	51	-9	66	-7	.00	91	67	79	.34	6	6707	.19
05/25	80	-5	55	-6	68	-5	.00	91	68	80	.27	4	7755	.21
05/26	83	-2	55	-6	69	-4	.00	92	69	81	.32	4	7810	.22
05/27	87	2	54	-7	71	-2	.00	92	70	81	.29	6	6556	.21
05/28	85	-1	57	-4	71	-3	.00	91	71	81	.31	4	6457	.20
05/29	86	0	63	1	75	1	.00	91	72	82	.31	11	6369	.19
05/30	78	-8	62	0	70	-4	.33	80	68	74	.11	12	3535	.11
05/31	87	1	64	2	76	2	.00	90	70	80	.24	9	6586	.20

AIR TEMPERATURES:
Mean Maximum= 81.5 Mean Minimum= 57.8 Average= 69.7
DFN= -1.5 DFN= -.5 DFN= -1.0
Highest= 91 Lowest= 47

PRECIPITATION STATISTICS:
Total= 1.74 DFN= -2.49 Greatest Daily= .33 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= .25 Hours of Wet Vegetation= 8.8 Solar Energy= 5921.1
Average daily potential evapotranspiration (PET)= .17

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Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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 FARENHEIT.
NORMALS FOR PERIOD 1951-80. RECORDS BEGIN WITH 1906 DATA.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: AUBURN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
06/ 1	89	2	69	7	79	4	.00	92	72	82	.25	7	5709	.18
06/ 2	94	7	72	9	83	8	.00	95	76	86	.29	9	6248	.21
06/ 3	94	7	72	9	83	8	.00	98	79	89	.32	8	6862	.22
06/ 4	96	9	68	5	82	7	.00	100	79	90	.35	7	7408	.24
06/ 5	98	10	70	7	84	8	.00	102	81	92	.41	5	7541	.25
06/ 6	100	12	72	8	86	10	.00	102	82	92	.38	3	7159	.25
06/ 7	100	12	70	6	85	9	.00	102	83	93	.40	7	6901	.24
06/ 8	96	8	65	1	81	5	.11	97	76	87	.36	11	5079	.20
06/ 9	90	2	67	3	79	3	.00	98	77	88	.31	7	7230	.22
06/10	93	4	69	5	81	4	.24	97	74	86	.19	16	4545	.17
06/11	88	-1	71	6	80	3	Trace	91	76	84	.21	12	5163	.17
06/12	80	-9	66	1	73	-4	.25	82	71	77	.12	14	2706	.10
06/13	82	-7	54	-11	68	-9	.00	84	65	75	.23	10	4866	.16
06/14	79	-10	53	-12	66	-11	.00	89	66	78	.32	7	7458	.20
06/15	83	-6	61	-4	72	-5	.00	93	68	81	.28	3	7778	.21
06/16	78	-11	67	2	73	-4	.09	80	71	76	.05	21	2380	.08
06/17	88	-1	70	4	79	1	Trace	90	72	81	.19	11	5375	.17
06/18	89	-1	71	5	80	2	.00	89	76	83	.16	2	3516	.14
06/19	83	-7	68	2	76	-2	.11	86	72	79	.18	20	4163	.13
06/20	73	-17	61	-5	67	-11	.12	75	67	71	.04	16	1806	.06
06/21	86	-4	56	-10	71	-7	.00	91	68	80	.27	8	7507	.22
06/22	89	-1	61	-5	75	-3	.00	94	70	82	.28	7	6621	.21
06/23	91	1	64	-3	78	-1	.00	95	74	85	.30	4	6712	.21
06/24	91	1	66	-1	79	0	.00	93	77	85	.29	4	5150	.18
06/25	90	0	66	-1	78	-1	.06	93	74	84	.18	13	4616	.17
06/26	92	2	67	0	80	1	.13	94	73	84	.24	13	5292	.19
06/27	92	2	69	2	81	2	.02	93	75	84	.23	11	5414	.19
06/28	94	4	69	2	82	3	.00	97	76	87	.26	12	5897	.20
06/29	81	-9	67	0	74	-5	2.60	82	72	77	NA	12	3998	.12
06/30	87	-3	66	-1	77	-2	.00	86	73	80	.26	10	5873	.18

AIR TEMPERATURES:
Mean Maximum= 88.9 Mean Minimum= 66.2 Average= 77.5
DFN= -.1 DFN= +1.0 DFN= +.4
Highest= 100 Lowest= 53

PRECIPITATION STATISTICS:
Total= 3.73 DFN= -.12 Greatest Daily= 2.60 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= .25 Hours of Wet Vegetation= 9.7 Solar Energy= 5565.8
Average daily potential evapotranspiration (PET)= .18

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Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

CLIMATOLOGICAL DATA

AUBURN, ALABAMA

DAILY TEMPERATURE NORMAL AND EXTREMES
JUNE

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

ALL TEMPERATURES ARE IN DEGREES FARENHEIT.
NORMALS FOR PERIOD 1951-80. RECORDS BEGIN WITH 1906 DATA.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: AUBURN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
07/ 1	83	-7	61	-6	72	-7	.00	84	69	77	.29	11	5594	.17
07/ 2	83	-7	63	-5	73	-6	.00	85	70	78	.28	7	6257	.18
07/ 3	87	-3	65	-3	76	-3	Trace	89	70	80	.25	8	5912	.18
07/ 4	91	1	65	-3	78	-1	.17	94	72	83	.34	13	7302	.23
07/ 5	85	-5	65	-3	75	-4	.42	87	71	79	.17	17	4438	.15
07/ 6	80	-10	66	-2	73	-6	.92	82	71	77	.09	24	3183	.11
07/ 7	80	-10	67	-1	74	-5	.41	78	71	75	.09	11	2727	.10
07/ 8	82	-8	69	1	76	-3	.01	83	72	78	.14	13	4067	.13
07/ 9	86	-4	68	0	77	-2	.00	87	72	80	.31	11	5924	.18
07/10	91	1	69	1	80	1	.00	89	74	82	.30	11	6613	.21
07/11	93	3	69	1	81	2	.00	93	76	85	.31	10	6903	.22
07/12	93	3	69	1	81	2	.18	95	75	85	.37	14	6564	.21
07/13	91	0	67	-1	79	-1	.00	94	75	85	.30	11	7369	.22
07/14	91	0	70	2	81	1	.13	91	75	83	.18	11	5199	.18
07/15	90	-1	69	0	80	0	.96	89	74	82	NA	19	4284	.16
07/16	89	-2	69	0	79	-1	.17	88	74	81	.15	15	5091	.17
07/17	90	-1	67	-2	79	-1	.05	87	72	80	.14	17	3858	.15
07/18	89	-2	71	2	80	0	.00	89	73	81	.25	7	6152	.19
07/19	92	1	71	2	82	2	.00	90	74	82	.29	3	6371	.20
07/20	91	0	67	-2	79	-1	.00	94	75	85	.29	10	7086	.22
07/21	92	1	70	1	81	1	.00	93	76	85	.23	9	6065	.20
07/22	93	2	71	2	82	2	.00	96	78	87	.29	4	6623	.21
07/23	92	1	70	1	81	1	.00	100	78	89	.25	10	6369	.20
07/24	90	-1	70	1	80	0	1.35	99	77	88	NA	18	6431	.20
07/25	84	-7	71	2	78	-2	2.72	84	75	80	NA	21	2562	.10
07/26	85	-6	71	2	78	-2	Trace	85	75	80	.11	9	3865	.13
07/27	81	-10	71	2	76	-4	.22	81	74	78	.08	13	2881	.10
07/28	81	-10	71	2	76	-4	1.26	79	73	76	NA	23	1521	.07
07/29	85	-6	70	1	78	-2	1.63	83	73	78	NA	19	2866	.11
07/30	84	-7	72	3	78	-2	.30	85	74	80	.15	14	4430	.14
07/31	92	1	70	1	81	1	.20	89	75	82	.17	17	5073	.18

AIR TEMPERATURES:
Mean Maximum= 87.6 Mean Minimum= 68.5 Average= 78.1
DFN= -3.0 DFN= +.0 DFN= -1.5
Highest= 93 Lowest= 61

PRECIPITATION STATISTICS:
Total= 11.10 DFN= +5.36 Greatest Daily= 2.72 Rain Days= 17

AVERAGE DAILY VALUES:
Pan Evaporation= .22 Hours of Wet Vegetation= 12.9 Solar Energy= 5147.7
Average daily potential evapotranspiration (PET)= .17

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	63	1947
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	64	1923
21	91	69	80	101	1934	62	1923
22	91	69	80	101	1934	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 FARENHEIT.
NORMALS FOR PERIOD 1951-80. RECORDS BEGIN WITH 1906 DATA.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: AUBURN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
08/ 1	89	-2	72	3	81	1	.02	88	75	82	.15	17	4565	.16
08/ 2	93	2	69	0	81	1	Trace	91	75	83	.25	9	6201	.21
08/ 3	90	-1	70	1	80	0	.01	88	74	81	.19	3	4552	.16
08/ 4	84	-7	63	-6	74	-6	.00	86	70	78	.25	0	5360	.16
08/ 5	84	-7	65	-4	75	-5	.00	91	70	81	.27	0	7058	.20
08/ 6	86	-5	66	-2	76	-4	.00	91	71	81	.21	7	6098	.18
08/ 7	88	-3	69	1	79	-1	.01	90	74	82	.17	7	5543	.17
08/ 8	87	-4	71	3	79	-1	.29	88	75	82	.09	17	3452	.13
08/ 9	86	-5	70	2	78	-2	.01	87	74	81	.14	11	3858	.13
08/10	89	-2	71	3	80	0	Trace	88	75	82	.20	12	5098	.17
08/11	90	-1	71	3	81	1	.00	93	76	85	.22	6	5613	.18
08/12	94	3	71	3	83	3	.09	97	76	87	.27	12	6176	.21
08/13	93	2	70	2	82	2	.00	97	77	87	.27	0	6758	.21
08/14	92	1	70	2	81	1	.00	100	78	89	.28	2	6969	.22
08/15	88	-3	67	-1	78	-2	.23	92	74	83	.20	13	4759	.16
08/16	88	-3	69	1	79	-1	.00	94	75	85	.23	0	5966	.18
08/17	87	-4	74	6	81	1	.13	90	76	83	.14	4	3767	.13
08/18	87	-4	69	1	78	-2	.00	90	75	83	.22	7	5421	.17
08/19	92	2	70	2	81	2	.00	95	76	86	.26	5	6277	.20
08/20	95	5	72	4	84	5	.00	101	77	89	.25	0	6771	.22
08/21	95	5	68	0	82	3	.00	100	79	90	.22	4	5738	.20
08/22	93	3	66	-2	80	1	.00	99	78	89	.28	4	5842	.20
08/23	93	3	71	3	82	3	.00	100	78	89	.28	0	6626	.21
08/24	93	3	72	5	83	4	Trace	98	80	89	.22	4	5203	.18
08/25	91	1	68	1	80	1	.79	97	76	87	NA	12	4838	.17
08/26	82	-8	68	1	75	-4	.02	85	74	80	.13	9	3292	.11
08/27	80	-10	67	0	74	-5	.30	82	73	78	.08	7	2537	.09
08/28	83	-7	69	2	76	-3	.00	82	72	77	.11	4	2933	.10
08/29	82	-8	71	4	77	-2	.00	84	72	78	.21	0	4721	.13
08/30	89	0	69	2	79	1	.28	89	73	81	.16	17	4356	.15
08/31	86	-3	67	0	77	-1	.01	87	72	80	.17	8	4408	.15

AIR TEMPERATURES:
Mean Maximum= 88.7 Mean Minimum= 69.2 Average= 78.9
DFN= -1.8 DFN= +1.3 DFN= -.3
Highest= 95 Lowest= 63

PRECIPITATION STATISTICS:
Total= 2.19 DFN= -1.40 Greatest Daily= .79 Rain Days= 13

AVERAGE DAILY VALUES:
Pan Evaporation= .20 Hours of Wet Vegetation= 6.5 Solar Energy= 5185.7
Average daily potential evapotranspiration (PET)= .17

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Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	99	1954	62	1936
2	91	69	80	97	1959	59	1925
3	91	69	80	99	1957	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	58	1968
31	89	67	78	100	1954	56	1946

ALL TEMPERATURES ARE IN DEGREES FARENHEIT.
NORMALS FOR PERIOD 1951-80. RECORDS BEGIN WITH 1906 DATA.
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National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: AUBURN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
09/ 1	87	-2	69	2	78	0	.00	90	72	81	.25	0	5645	.17
09/ 2	85	-4	71	4	78	0	.25	89	73	81	.30	1	5340	.16
09/ 3	86	-3	70	3	78	0	Trace	85	72	79	.19	9	4415	.14
09/ 4	90	1	69	2	80	2	.10	90	73	82	.17	17	4488	.16
09/ 5	91	2	67	1	79	1	.00	91	74	83	.19	13	5383	.18
09/ 6	88	0	67	1	78	1	.00	93	74	84	.16	12	4770	.16
09/ 7	92	4	70	4	81	4	.00	96	75	86	.20	10	5863	.19
09/ 8	92	4	69	3	81	4	.01	94	76	85	.17	15	4724	.17
09/ 9	92	4	65	-1	79	2	.01	90	73	82	.11	20	3177	.14
09/10	92	4	68	2	80	3	.00	97	74	86	.21	10	6103	.20
09/11	93	6	69	4	81	5	.00	97	77	87	.22	7	5767	.19
09/12	94	7	67	2	81	5	.00	98	77	88	.25	6	5894	.20
09/13	79	-8	69	4	74	-2	.00	85	75	80	.13	8	2329	.08
09/14	76	-11	56	-9	66	-10	.00	84	68	76	.22	0	2765	.09
09/15	73	-14	51	-13	62	-14	.00	87	65	76	.36	0	6019	.15
09/16	79	-7	57	-7	68	-7	.00	86	65	76	.31	0	5247	.15
09/17	83	-3	58	-6	71	-4	.00	89	68	79	.28	0	4917	.15
09/18	83	-3	59	-4	71	-4	.00	91	68	80	.28	2	6153	.18
09/19	85	0	58	-5	72	-2	.00	90	70	80	.29	0	5670	.17
09/20	85	0	61	-2	73	-1	.00	90	70	80	.26	4	5864	.17
09/21	88	3	61	-1	75	1	.00	91	72	82	.26	9	5548	.18
09/22	86	1	64	2	75	1	.00	92	72	82	.28	11	5598	.17
09/23	87	3	66	4	77	4	.00	91	73	82	.23	7	5067	.16
09/24	76	-8	67	6	72	-1	.82	78	72	75	.09	21	830	.04
09/25	78	-6	60	-1	69	-4	.01	79	66	73	.08	15	2162	.08
09/26	86	3	64	4	75	3	.00	85	67	76	.18	15	5069	.16
09/27	85	2	50	-10	68	-4	.00	84	63	74	.19	4	4040	.15
09/28	74	-9	51	-9	63	-9	.00	84	61	73	.24	10	5844	.15
09/29	77	-5	56	-3	67	-4	.00	85	61	73	.25	0	5884	.15
09/30	80	-2	60	1	70	-1	.00	85	64	75	.22	6	4984	.14

AIR TEMPERATURES:
Mean Maximum= 84.7 Mean Minimum= 63.0 Average= 73.8
DFN= -1.4 DFN= -.7 DFN= -1.1
Highest= 94 Lowest= 50

PRECIPITATION STATISTICS:
Total= 1.20 DFN= -3.12 Greatest Daily= .82 Rain Days= 6

AVERAGE DAILY VALUES:
Pan Evaporation= .22 Hours of Wet Vegetation= 7.7 Solar Energy= 4852.0
Average daily potential evapotranspiration (PET)= .15

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Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

CLIMATOLOGICAL DATA

AUBURN, ALABAMA

DAILY TEMPERATURE NORMAL AND EXTREMES
SEPTEMBER

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

ALL TEMPERATURES ARE IN DEGREES FARENHEIT.
NORMALS FOR PERIOD 1951-80. RECORDS BEGIN WITH 1906 DATA.
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National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: AUBURN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	84	2	66	8	75	5	.64	83	69	76	.16	14	2823	.10
10/ 2	80	-1	59	2	70	1	1.46	80	67	74	NA	19	2523	.09
10/ 3	77	-4	61	4	69	0	Trace	77	67	72	.08	11	2713	.08
10/ 4	77	-4	62	5	70	1	.00	77	67	72	.05	14	1865	.06
10/ 5	83	3	57	1	70	2	.00	79	66	73	.15	15	3709	.13
10/ 6	72	-8	44	-12	58	-10	.00	77	56	67	.26	15	5137	.13
10/ 7	68	-12	46	-9	57	-11	.00	74	56	65	.21	0	5538	.12
10/ 8	73	-6	50	-5	62	-5	.00	75	56	66	.24	0	5479	.13
10/ 9	78	-1	56	2	67	0	.00	78	57	68	.25	0	5278	.14
10/10	84	5	57	3	71	4	.00	83	64	74	.24	7	5042	.16
10/11	83	5	61	8	72	6	.00	84	64	74	.22	8	5177	.15
10/12	87	9	64	11	76	10	.00	86	66	76	.18	11	4920	.16
10/13	88	10	68	16	78	13	.00	85	68	77	.14	17	4052	.14
10/14	77	0	64	12	71	6	.00	80	69	75	.07	17	2086	.07
10/15	87	10	66	14	77	12	.00	89	69	79	.12	14	4429	.14
10/16	84	7	66	15	75	11	.17	87	71	79	.17	17	3441	.11
10/17	78	2	68	17	73	9	.07	80	69	75	.10	15	2326	.07
10/18	74	-2	66	16	70	7	.00	74	67	71	.07	0	1438	.04
10/19	79	3	65	15	72	9	.00	81	68	75	.13	5	3567	.10
10/20	81	6	64	14	73	10	.00	83	67	75	.12	13	3149	.10
10/21	84	9	62	13	73	11	Trace	84	68	76	.11	18	3577	.12
10/22	85	10	64	15	75	13	.00	86	68	77	.18	0	3929	.13
10/23	81	7	64	15	73	11	.00	83	70	77	.09	4	2495	.09
10/24	81	7	65	17	73	12	.01	83	70	77	.11	11	2623	.09
10/25	74	0	61	13	68	7	.00	78	67	73	.06	15	1645	.05
10/26	77	4	64	16	71	10	.00	79	67	73	.10	8	2583	.07
10/27	75	2	56	9	66	6	.06	78	64	71	.16	6	2614	.08
10/28	64	-8	56	9	60	0	.45	66	64	65	.02	23	806	.00
10/29	70	-2	59	12	65	5	.21	68	64	66	.03	7	814	.02
10/30	59	-13	54	8	57	-2	Trace	64	58	61	.11	1	1115	.00
10/31	64	-7	54	8	59	0	.08	62	58	60	.02	19	781	.00

AIR TEMPERATURES:
Mean Maximum= 77.7 Mean Minimum= 60.3 Average= 69.0
DFN= +1.1 DFN= +8.8 DFN= +4.9
Highest= 88 Lowest= 44

PRECIPITATION STATISTICS:
Total= 3.15 DFN= +.32 Greatest Daily= 1.46 Rain Days= 9

AVERAGE DAILY VALUES:
Pan Evaporation= .13 Hours of Wet Vegetation= 10.5 Solar Energy= 3150.8
Average daily potential evapotranspiration (PET)= .09

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Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	42	1952
5	80	56	68	95	1954	42	1968
6	80	56	68	98	1954	42	1932
7	80	55	68	97	1954	38	1932
8	79	55	67	94	1941	41	1935
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	33	1961
21	75	49	62	89	1941	34	1913
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 FARENHEIT.
NORMALS FOR PERIOD 1951-80. RECORDS BEGIN WITH 1906 DATA.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: AUBURN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	72	1	60	14	66	7	.36	68	62	65	.03	21	1473	.04
11/ 2	60	-11	55	10	58	0	.00	64	60	62	.01	19	538	.00
11/ 3	60	-10	55	10	58	0	.73	63	59	61	.05	9	826	.00
11/ 4	62	-8	46	1	54	-4	Trace	64	54	59	.04	1	1043	.01
11/ 5	56	-14	37	-8	47	-11	.00	61	47	54	.13	0	3130	.04
11/ 6	56	-13	36	-8	46	-11	.00	60	47	54	.14	13	4307	.06
11/ 7	67	-2	38	-6	53	-4	.00	64	47	56	.15	15	4274	.10
11/ 8	61	-8	37	-7	49	-8	Trace	59	47	53	.03	16	1128	.02
11/ 9	65	-4	39	-4	52	-4	.00	63	47	55	.16	5	4236	.09
11/10	70	2	47	4	59	3	.00	66	48	57	.15	7	4005	.09
11/11	77	9	56	13	67	11	.00	69	55	62	.10	16	2950	.09
11/12	78	10	58	15	68	12	.00	72	57	65	.13	4	3365	.10
11/13	79	12	60	18	70	15	.00	73	61	67	.11	14	2938	.09
11/14	75	8	55	13	65	10	.00	73	60	67	.06	16	1928	.06
11/15	79	12	58	16	69	14	.00	73	60	67	.06	17	2303	.08
11/16	80	14	60	18	70	16	.00	74	61	68	.07	13	2574	.08
11/17	79	13	56	15	68	14	.00	76	63	70	.14	16	3390	.10
11/18	82	16	59	18	71	17	.00	76	62	69	.08	13	2569	.09
11/19	82	17	62	21	72	19	.00	77	62	70	.15	13	3560	.11
11/20	79	14	64	23	72	19	.03	75	64	70	.11	6	2466	.07
11/21	72	7	62	22	67	14	.15	71	66	69	.01	14	973	.02
11/22	70	6	60	20	65	13	.44	68	65	67	.01	15	624	.01
11/23	68	4	46	6	57	5	.00	69	56	63	.05	13	1321	.03
11/24	73	9	47	7	60	8	.00	71	56	64	.08	14	3505	.09
11/25	73	9	50	11	62	10	.00	70	56	63	.12	11	3242	.08
11/26	73	10	59	20	66	15	.00	71	61	66	.09	1	2379	.06
11/27	73	10	63	24	68	17	.07	70	63	67	.02	14	1027	.03
11/28	74	11	66	27	70	19	.00	72	65	69	.07	3	NA	.04
11/29	76	14	64	26	70	20	1.04	71	65	68	.10	22	1536	.05
11/30	68	6	64	26	66	16	2.31	68	65	67	NA	22	456	.01

AIR TEMPERATURES:
Mean Maximum= 71.3 DFN= +4.8 Mean Minimum= 54.0 DFN= +12.2 Average= 62.6 DFN= +8.5
Highest= 82 Lowest= 36

PRECIPITATION STATISTICS:
Total= 5.13 DFN= +1.71 Greatest Daily= 2.31 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= .08 Hours of Wet Vegetation= 12.1 Solar Energy= 2347.1
Average daily potential evapotranspiration (PET)= .06

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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 FARENHEIT.
NORMALS FOR PERIOD 1951-80. RECORDS BEGIN WITH 1906 DATA.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: AUBURN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	72	10	60	22	66	16	.00	72	63	68	.09	18	1783	.04
12/ 2	65	3	36	-2	51	1	.47	66	52	59	.03	20	543	.02
12/ 3	49	-12	26	-12	38	-12	.00	59	42	51	NA	0	3552	.03
12/ 4	53	-8	27	-10	40	-9	.00	56	42	49	NA	0	3469	.04
12/ 5	57	-4	35	-2	46	-3	.00	56	42	49	.11	1	3113	.04
12/ 6	57	-3	35	-2	46	-3	Trace	55	44	50	.01	16	1145	.00
12/ 7	53	-7	27	-10	40	-9	.00	55	40	48	NA	0	3522	.04
12/ 8	57	-3	30	-7	44	-5	.00	56	40	48	NA	1	3409	.05
12/ 9	66	6	38	1	52	3	.00	59	44	52	.07	14	3017	.07
12/10	70	11	43	7	57	9	.00	61	47	54	.05	16	2706	.07
12/11	69	10	46	10	58	10	.00	62	49	56	.12	5	3002	.07
12/12	72	13	58	22	65	17	.61	64	55	60	.04	18	1642	.04
12/13	66	7	61	25	64	16	.89	63	60	62	NA	23	459	.00
12/14	62	3	27	-9	45	-3	.03	61	44	53	NA	2	716	.02
12/15	37	-21	17	-19	27	-20	.00	51	38	45	NA	0	3457	.00
12/16	44	-14	17	-19	31	-16	.00	48	38	43	NA	1	3603	.03
12/17	52	-6	23	-12	38	-9	.00	50	38	44	NA	2	3371	.04
12/18	53	-5	27	-8	40	-7	.00	49	39	44	NA	0	2560	.02
12/19	53	-5	23	-12	38	-9	.00	50	38	44	NA	0	2137	.02
12/20	46	-11	23	-12	35	-11	.00	49	38	44	NA	0	3373	.02
12/21	50	-7	20	-15	35	-11	.00	48	37	43	NA	0	3301	.04
12/22	43	-14	19	-16	31	-15	.00	46	36	41	NA	0	3180	.01
12/23	55	-2	20	-15	38	-8	.00	48	36	42	NA	0	3301	.05
12/24	58	1	35	0	47	1	.00	50	41	46	.03	15	1593	.01
12/25	60	3	20	-15	40	-6	.00	54	39	47	NA	0	3051	.06
12/26	29	-27	8	-26	19	-26	.00	44	35	40	NA	0	3495	.00
12/27	36	-20	8	-26	22	-23	.00	41	35	38	NA	0	3441	.00
12/28	54	-2	23	-11	39	-6	.06	48	36	42	NA	15	2685	.03
12/29	42	-14	30	-4	36	-9	.20	45	39	42	NA	17	369	.00
12/30	55	-1	24	-10	40	-5	.00	50	38	44	NA	0	3420	.05
12/31	58	2	24	-10	41	-4	.00	51	37	44	NA	3	3366	.06

AIR TEMPERATURES:
Mean Maximum= 54.6 Mean Minimum= 29.4 Average= 42.0
DFN= -3.8 DFN= -6.4 DFN= -5.1
Highest= 72 Lowest= 8

PRECIPITATION STATISTICS:
Total= 2.26 DFN= -3.22 Greatest Daily= .89 Rain Days= 6

AVERAGE DAILY VALUES:
Pan Evaporation= .06 Hours of Wet Vegetation= 6.0 Solar Energy= 2638.1
Average daily potential evapotranspiration (PET)= .03

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	24	1960
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	1960
23	57	35	46	75	1922	12	1960
24	57	35	46	77	1964	19	1983
25	57	35	46	75	1926	3	1983
26	56	34	45	77	1911	5	1983
27	56	34	45	73	1971	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 FARENHEIT.
NORMALS FOR 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	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	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	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	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	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	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	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	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	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	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	0	2.83	8.41	1970	.00	1963	3.55	1906
NOV	66.5	41.8	54.2	90	1935	9	1950	331	0	0	4	0	3.42	17.77	1948	.23	1924	7.05	1948
DEC	58.4	35.7	47.1	84	1924	-1	1962	555	0	0	10	0	5.48	14.27	1953	.82	1955	6.22	1953
YEAR	74.8	51.2	63.0	108	1930	-1	1962	2611	68	0	37	0	56.10	82.95	1975	28.44	1954	7.83	1961

1985 AGROCLIMATOLOGICAL DATA
AUBURN, ALABAMA
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.	NET RAD.
JAN	48.3	24.6	36.5	-8.1	0	0	26	15	879	238	3.02	-2.12	.25	10151	6591	0M
FEB	56.8	34.8	45.8	-1.4	0	0	14	6	533	28	7.48	2.14	1.11	9257	6954	0M
MAR	70.1	46.3	58.2	3.8	0	0	0	-4	221	-123	2.25	-4.60	5.50	11442	10914	0M
APR	76.5	51.0	63.8	.7	0	0	0	0	115	-3	2.01	-3.30	6.72	14592	15044	0M
MAY	81.5	57.8	69.7	-1.0	2	-3	0	0	11	-4	1.74	-2.49	7.61	10824	15732	0M
JUN	88.9	66.2	77.5	.4	15	0	0	0	0	0	3.73	-.12	7.35	11628	14351	0M
JUL	87.6	68.5	78.1	-1.5	15	-3	0	0	0	0	11.10	5.36	5.79	8975	13639	0M
AUG	88.7	69.2	78.9	-.3	13	-5	0	0	0	0	2.19	-1.40	6.12	11431	13917	0M
SEP	84.7	63.0	73.8	-1.1	8	-3	0	0	5	5	1.20	-3.12	6.57	13139	12275	0M
OCT	77.7	60.3	69.0	4.9	0	-1	0	0	37	-65	3.15	.32	3.97	7147	8284	0M
NOV	71.3	54.0	62.6	8.4	0	0	0	-4	125	-206	5.13	1.71	2.44	5945	5879	0M
DEC	54.6	29.4	42.0	-5.1	0	0	21	11	707	152	2.26	-3.22	.54	10460	6893	0M
YEAR	73.9	52.1	63.0	.0	53	-15	61	24	2633	22	45.26	-10.84	53.98	124991	130473	0

* 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: 01-0430-5

	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 28 values for the 29th. Temperatures are in degrees Fahrenheit. Precipitation is in inches.

NATIONAL WEATHER SERVICE, SE AG WEATHER SERVICE CENTER, Auburn, Alabama

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

Station: AUBURN State: ALABAMA Number: 01-0430-5

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

Normal Monthly Values:
75.8 50.4 63.1 5.31

Normal Monthly Values:
83.0 58.4 70.7 4.23

Normal 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 28 values for the 29th. Temperatures are in degrees Fahrenheit. Precipitation is in inches.

NATIONAL WEATHER SERVICE, SE AG WEATHER SERVICE CENTER, Auburn, Alabama

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

Station: AUBURN State: ALABAMA Number: 01-0430-5

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

Normal Monthly Values:
90.6 68.5 79.6 5.74

Normal Monthly Values:
90.5 67.9 79.2 3.59

Normal 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 28 values for the 29th. Temperatures are in degrees Fahrenheit. Precipitation is in inches.

NATIONAL WEATHER SERVICE, SE AG WEATHER SERVICE CENTER, Auburn, Alabama

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

Station: AUBURN State: ALABAMA Number: 01-0430-5

	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 28 values for the 29th. Temperatures are in degrees Fahrenheit. Precipitation is in inches.

NATIONAL WEATHER SERVICE, SE AG WEATHER SERVICE CENTER,Auburn, Alabama

Estimated daylength, sunrise and sunset times for: Auburn, Alabama Latitude 32 36 N., Longitude 85 30 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

**** Add one 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 Southeast U.S. have shown that the above values are generally within 5 minutes (and most cases 3) of officially published tables. An additional error of less than one 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.

Estimated daylength, sunrise and sunset times for: Auburn, Alabama Latitude 32 36 N., Longitude 85 30 W.
All sunrise and sunset calculations are for Central Standard Time.

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	4:33	6:46
6	14:11	4:35	6:46	7	14:12	4:33	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																

**** Add one 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 Southeast U.S. have shown that the above values are generally within 5 minutes (and most cases 3) of officially published tables. An additional error of less than one 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.

Estimated daylength, sunrise and sunset times for: Auburn, Alabama Latitude 32 36 N., Longitude 85 30 W.
All sunrise and sunset calculations are for Central Standard Time.

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	5:33	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 one 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 Southeast U.S. have shown that the above values are generally within 5 minutes (and most cases 3) of officially published tables. An additional error of less than one 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.

1985
PRECIPITATION SUMMARY OF AUBURN UNIVERSITY EXPERIMENT SUBSTATIONS

FOR THE PERIOD: TUESDAY JANUARY 1, 1985, THROUGH TUESDAY DECEMBER 31, 1985

STATION	ACTUAL TOTAL	NORMAL	DIFF	% OF NORMAL
AUBURN	45.26	56.31	-11.05	80.38
BELLE MINA	47.24	53.28	-6.04	88.86
BREWTON	62.73	62.58	+0.15	100.24
CAMDEN	44.35	57.94	-13.59	76.55
CROSSVILLE (SAND MOUNTAIN)	62.64	54.85	+7.79	114.20
FAIRHOPE	73.25	64.30	+8.95	113.92
HEADLAND	51.20	54.83	-3.63	93.38
MARION JUNCTION	39.21	53.29	-14.08	73.58
THORSBY	49.32	57.60	-8.28	85.63
WINFIELD	52.24	56.71	-4.47	92.12

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: BELLE MINA 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
01/ 1	71	20	58	27	65	24	.76	64	58	61	NA	NA	NA	.04
01/ 2	65	14	36	5	51	10	.41	63	48	56	NA	NA	NA	.07
01/ 3	38	-12	34	3	36	-5	.09	49	43	46	NA	NA	NA	.00
01/ 4	38	-12	26	-5	32	-9	.17	44	40	42	NA	NA	NA	.00
01/ 5	27	-23	21	-10	24	-17	Trace	40	36	38	NA	NA	NA	.00
01/ 6	32	-18	21	-10	27	-14	.00	39	36	38	NA	NA	NA	.00
01/ 7	46	-4	22	-8	34	-6	.00	46	36	41	NA	NA	NA	.00
01/ 8	43	-7	28	-2	36	-4	.00	46	37	42	NA	NA	NA	.00
01/ 9	48	-2	27	-3	38	-2	.00	48	37	43	NA	NA	NA	.00
01/10	52	2	27	-3	40	0	.17	46	36	41	NA	NA	NA	.02
01/11	45	-5	32	2	39	-1	.13	45	41	43	NA	NA	NA	.00
01/12	32	-18	23	-7	28	-12	Trace	42	35	39	NA	NA	NA	.00
01/13	34	-16	16	-14	25	-15	.00	40	33	37	NA	NA	NA	.00
01/14	35	-15	16	-14	26	-14	.00	38	33	36	NA	NA	NA	.00
01/15	47	-3	21	-9	34	-6	Trace	44	34	39	NA	NA	NA	.01
01/16	37	-13	20	-10	29	-11	.00	41	34	38	NA	NA	NA	.00
01/17	42	-8	26	-4	34	-6	1.00	37	34	36	NA	NA	NA	.00
01/18	38	-12	28	-2	33	-7	Trace	39	35	37	NA	NA	NA	.00
01/19	53	3	29	-1	41	1	.00	47	35	41	NA	NA	NA	.02
01/20	51	1	1	-29	26	-14	.00	48	36	42	NA	NA	NA	.10
01/21	3	-47	-14	-44	-6	-46	.00	37	35	36	NA	NA	NA	.00
01/22	17	-33	-10	-40	4	-36	.00	35	35	35	NA	NA	NA	.00
01/23	31	-19	2	-28	17	-23	.00	35	35	35	NA	NA	NA	.00
01/24	45	-6	20	-10	33	-8	.00	39	34	37	NA	NA	NA	.00
01/25	51	0	28	-2	40	-1	.00	45	34	40	NA	NA	NA	.02
01/26	49	-2	7	-23	28	-13	.00	45	33	39	NA	NA	NA	.07
01/27	33	-18	14	-16	24	-17	.00	35	33	34	NA	NA	NA	.00
01/28	39	-12	24	-6	32	-9	.49	34	33	34	NA	NA	NA	.00
01/29	35	-16	22	-9	29	-12	Trace	39	33	36	NA	NA	NA	.00
01/30	42	-10	22	-9	32	-10	.05	45	34	40	NA	NA	NA	.00
01/31	48	-4	38	7	43	1	.19	43	38	41	NA	NA	NA	.00

AIR TEMPERATURES:
Mean Maximum= 40.9 Mean Minimum= 21.5 Average= 31.2
DFN= -9.5 DFN= -8.8 DFN= -9.2
Highest= 71 Lowest= -14

PRECIPITATION STATISTICS:
Total= 3.46 DFN= -1.75 Greatest Daily= 1.00 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .01

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: BELLE MINA 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
02/ 1	48	-4	31	0	40	-2	1.68	45	36	41	NA	NA	NA	.00
02/ 2	32	-20	21	-10	27	-15	.00	37	34	36	NA	NA	NA	.00
02/ 3	25	-27	17	-14	21	-21	Trace	35	34	35	NA	NA	NA	.00
02/ 4	25	-28	18	-13	22	-20	.00	34	33	34	NA	NA	NA	.00
02/ 5	41	-12	24	-7	33	-9	.45	33	33	33	NA	NA	NA	.00
02/ 6	42	-11	33	2	38	-4	.11	34	33	34	NA	NA	NA	.00
02/ 7	36	-17	24	-7	30	-12	.00	38	33	36	NA	NA	NA	.00
02/ 8	37	-16	15	-16	26	-16	.00	40	33	37	NA	NA	NA	.00
02/ 9	35	-19	15	-16	25	-18	.00	36	32	34	NA	NA	NA	.00
02/10	49	-5	22	-10	36	-7	.00	44	33	39	NA	NA	NA	.03
02/11	66	12	37	5	52	9	.18	50	35	43	NA	NA	NA	.10
02/12	45	-9	24	-8	35	-8	.75	44	36	40	NA	NA	NA	.00
02/13	32	-23	23	-9	28	-16	Trace	37	34	36	NA	NA	NA	.00
02/14	42	-13	24	-8	33	-11	.00	44	34	39	NA	NA	NA	.00
02/15	44	-11	23	-9	34	-10	.00	47	35	41	NA	NA	NA	.00
02/16	34	-21	18	-15	26	-18	.00	44	33	39	NA	NA	NA	.00
02/17	52	-4	20	-13	36	-9	.00	44	33	39	NA	NA	NA	.06
02/18	59	3	34	1	47	2	.00	51	35	43	NA	NA	NA	.07
02/19	61	5	35	2	48	3	.32	48	39	44	NA	NA	NA	.08
02/20	46	-10	40	7	43	-2	.13	46	43	45	NA	NA	NA	.00
02/21	59	2	37	4	48	3	.00	56	41	49	NA	NA	NA	.06
02/22	69	12	44	10	57	11	.00	56	41	49	NA	NA	NA	.10
02/23	75	18	48	14	62	16	.00	60	46	53	NA	NA	NA	.13
02/24	74	17	48	14	61	15	.16	59	50	55	NA	NA	NA	.12
02/25	63	6	51	17	57	11	.03	58	54	56	NA	NA	NA	.04
02/26	55	-3	50	15	53	6	.36	55	52	54	NA	NA	NA	.00
02/27	60	2	47	12	54	7	.00	59	50	55	NA	NA	NA	.04
02/28	55	-3	30	-5	43	-4	.00	55	40	48	NA	NA	NA	.06

AIR TEMPERATURES:
Mean Maximum= 48.6 Mean Minimum= 30.5 Average= 39.5
DFN= -6.4 DFN= -2.0 DFN= -4.2
Highest= 75 Lowest= 15

PRECIPITATION STATISTICS:
Total= 4.17 DFN= -.47 Greatest Daily= 1.68 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .03

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: BELLE MINA 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
03/ 1	60	2	30	-5	45	-2	.00	59	40	50	NA	NA	NA	.09
03/ 2	56	-3	43	7	50	2	.08	52	47	50	NA	NA	NA	.03
03/ 3	62	3	36	0	49	1	.00	57	44	51	NA	NA	NA	.09
03/ 4	70	11	38	2	54	6	.00	60	44	52	NA	NA	NA	.13
03/ 5	76	16	40	3	58	9	.23	65	51	58	NA	NA	NA	.17
03/ 6	57	-3	30	-7	44	-5	.00	63	42	53	NA	NA	NA	.08
03/ 7	58	-2	30	-7	44	-5	.00	59	42	51	NA	NA	NA	.09
03/ 8	70	10	44	7	57	8	.00	61	44	53	NA	NA	NA	.12
03/ 9	75	14	54	16	65	15	Trace	64	51	58	NA	NA	NA	.12
03/10	68	7	41	3	55	5	.01	67	50	59	NA	NA	NA	.12
03/11	61	0	45	7	53	3	.00	58	50	54	NA	NA	NA	.06
03/12	81	19	48	10	65	15	.03	68	52	60	NA	NA	NA	.18
03/13	62	0	37	-2	50	-1	.00	68	49	59	NA	NA	NA	.10
03/14	75	13	38	-1	57	6	Trace	68	49	59	NA	NA	NA	.18
03/15	52	-11	30	-9	41	-10	Trace	58	45	52	NA	NA	NA	.06
03/16	62	-1	32	-8	47	-5	.00	64	45	55	NA	NA	NA	.11
03/17	65	2	42	2	54	2	.00	59	47	53	NA	NA	NA	.10
03/18	62	-2	30	-10	46	-6	.00	61	46	54	NA	NA	NA	.12
03/19	56	-8	30	-11	43	-10	.00	65	45	55	NA	NA	NA	.09
03/20	69	5	32	-9	51	-2	.00	67	45	56	NA	NA	NA	.16
03/21	70	5	34	-7	52	-1	.06	66	48	57	NA	NA	NA	.16
03/22	55	-10	47	6	51	-2	.86	55	50	53	NA	NA	NA	.03
03/23	57	-9	47	5	52	-2	.03	56	50	53	NA	NA	NA	.04
03/24	68	2	47	5	58	4	.05	64	46	55	NA	NA	NA	.11
03/25	63	-3	38	-4	51	-3	.00	65	46	56	NA	NA	NA	.11
03/26	62	-5	37	-6	50	-5	.00	66	46	56	NA	NA	NA	.11
03/27	73	6	41	-2	57	2	.00	69	47	58	NA	NA	NA	.16
03/28	65	-2	54	11	60	5	.07	60	53	57	NA	NA	NA	.07
03/29	79	11	63	19	71	15	Trace	66	59	63	NA	NA	NA	.13
03/30	81	13	65	21	73	17	.00	72	60	66	NA	NA	NA	.14
03/31	82	13	58	14	70	13	.68	74	62	68	NA	NA	NA	.17

AIR TEMPERATURES:
Mean Maximum= 66.2 Mean Minimum= 41.3 Average= 53.8
DFN= +3.0 DFN= +1.6 DFN= +2.3
Highest= 82 Lowest= 30

PRECIPITATION STATISTICS:
Total= 2.10 DFN= -4.40 Greatest Daily= .86 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .11

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: BELLE MINA 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
04/ 1	62	-7	42	-3	52	-5	.00	66	50	58	NA	NA	NA	.10
04/ 2	60	-10	33	-12	47	-11	.00	65	47	56	NA	NA	NA	.11
04/ 3	60	-10	35	-10	48	-10	.00	67	47	57	NA	NA	NA	.11
04/ 4	80	10	39	-7	60	2	.00	71	50	61	NA	NA	NA	.22
04/ 5	82	11	57	11	70	11	.00	74	57	66	NA	NA	NA	.18
04/ 6	72	1	43	-3	58	-1	.70	67	50	59	NA	NA	NA	.16
04/ 7	65	-7	44	-3	55	-5	.02	67	50	59	NA	NA	NA	.11
04/ 8	65	-7	35	-12	50	-10	.00	72	50	61	NA	NA	NA	.14
04/ 9	61	-11	32	-15	47	-13	.00	70	49	60	NA	NA	NA	.13
04/10	59	-14	31	-16	45	-15	.00	72	49	61	NA	NA	NA	.12
04/11	68	-5	34	-14	51	-10	.00	72	49	61	NA	NA	NA	.17
04/12	75	2	44	-4	60	-1	.00	74	53	64	NA	NA	NA	.18
04/13	75	1	55	7	65	4	.03	70	60	65	NA	NA	NA	.15
04/14	75	1	52	3	64	2	.00	75	61	68	NA	NA	NA	.16
04/15	66	-8	56	7	61	-1	.70	66	60	63	NA	NA	NA	.09
04/16	67	-8	50	1	59	-3	.36	70	57	64	NA	NA	NA	.11
04/17	74	-1	51	2	63	1	.00	74	57	66	NA	NA	NA	.15
04/18	83	8	54	4	69	6	.00	79	58	69	NA	NA	NA	.20
04/19	85	9	55	5	70	7	.00	84	62	73	NA	NA	NA	.21
04/20	84	8	56	6	70	7	.00	84	60	72	NA	NA	NA	.20
04/21	85	9	56	6	71	8	.00	88	60	74	NA	NA	NA	.21
04/22	86	10	60	9	73	9	.00	86	66	76	NA	NA	NA	.21
04/23	84	7	61	10	73	9	Trace	85	67	76	NA	NA	NA	.19
04/24	80	3	60	9	70	6	1.20	77	66	72	NA	NA	NA	.17
04/25	76	-1	54	2	65	0	.02	77	61	69	NA	NA	NA	.16
04/26	80	3	57	5	69	4	.00	82	61	72	NA	NA	NA	.18
04/27	86	9	61	9	74	9	.04	83	64	74	NA	NA	NA	.21
04/28	81	3	66	14	74	9	Trace	82	69	76	NA	NA	NA	.16
04/29	80	2	61	9	71	6	.00	86	68	77	NA	NA	NA	.17
04/30	85	7	59	6	72	6	.00	87	68	78	NA	NA	NA	.21

AIR TEMPERATURES:
Mean Maximum= 74.7 DFN= +.5 Mean Minimum= 49.8 DFN= +.9 Average= 62.2 DFN= +.7
Highest= 86 Lowest= 31

PRECIPITATION STATISTICS:
Total= 3.07 DFN= -1.75 Greatest Daily= 1.20 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .16

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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Daily Weather Observations for: BELLE MINA 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
05/ 1	81	3	59	6	70	4	.41	82	69	76	NA	NA	NA	.18
05/ 2	68	-10	61	8	65	-1	1.65	72	66	69	NA	NA	NA	.09
05/ 3	75	-4	57	4	66	0	.08	78	65	72	NA	NA	NA	.15
05/ 4	72	-7	50	-4	61	-6	.00	75	59	67	NA	NA	NA	.16
05/ 5	76	-3	52	-2	64	-3	.00	81	59	70	NA	NA	NA	.17
05/ 6	81	2	52	-2	67	0	.00	85	63	74	NA	NA	NA	.21
05/ 7	84	5	59	5	72	5	1.72	87	67	77	NA	NA	NA	.20
05/ 8	78	-1	62	7	70	3	1.17	82	69	76	NA	NA	NA	.16
05/ 9	65	-15	56	1	61	-7	.17	70	64	67	NA	NA	NA	.09
05/10	64	-16	56	1	60	-8	.06	67	64	66	NA	NA	NA	.09
05/11	76	-4	58	3	67	-1	.32	75	63	69	NA	NA	NA	.16
05/12	82	2	63	7	73	5	.00	80	63	72	NA	NA	NA	.18
05/13	86	5	64	8	75	6	.04	83	68	76	NA	NA	NA	.20
05/14	87	6	64	8	76	7	.00	88	69	79	NA	NA	NA	.21
05/15	89	8	66	10	78	9	.00	92	73	83	NA	NA	NA	.22
05/16	78	-3	55	-2	67	-2	.00	92	69	81	NA	NA	NA	.18
05/17	83	2	55	-2	69	0	.00	86	69	78	NA	NA	NA	.21
05/18	69	-13	55	-2	62	-8	.01	78	66	72	NA	NA	NA	.13
05/19	74	-8	47	-10	61	-9	.00	87	65	76	NA	NA	NA	.18
05/20	81	-1	53	-5	67	-3	.00	88	65	77	NA	NA	NA	.21
05/21	83	1	60	2	72	2	.05	86	70	78	NA	NA	NA	.20
05/22	89	6	62	4	76	5	.05	89	70	80	NA	NA	NA	.23
05/23	82	-1	56	-2	69	-2	.11	85	70	78	NA	NA	NA	.21
05/24	65	-18	49	-10	57	-14	Trace	72	62	67	NA	NA	NA	.12
05/25	78	-5	50	-9	64	-7	.00	86	62	74	NA	NA	NA	.20
05/26	82	-1	52	-7	67	-4	.00	89	66	78	NA	NA	NA	.22
05/27	85	1	56	-3	71	-1	.00	93	68	81	NA	NA	NA	.23
05/28	88	4	57	-3	73	1	.39	91	71	81	NA	NA	NA	.24
05/29	85	1	63	3	74	2	Trace	85	73	79	NA	NA	NA	.20
05/30	87	2	65	5	76	3	.00	91	72	82	NA	NA	NA	.21
05/31	89	4	67	7	78	5	.00	92	74	83	NA	NA	NA	.22

AIR TEMPERATURES:
Mean Maximum= 79.4 Mean Minimum= 57.5 Average= 68.4
DFN= -1.9 DFN= +.8 DFN= -.5
Highest= 89 Lowest= 47

PRECIPITATION STATISTICS:
Total= 6.23 DFN= +1.87 Greatest Daily= 1.72 Rain Days= 14

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .18

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
06/ 1	86	1	70	9	78	5	.00	86	76	81	NA	NA	NA	.19
06/ 2	94	9	72	11	83	10	.00	96	76	86	NA	NA	NA	.23
06/ 3	94	8	68	7	81	7	.00	100	79	90	NA	NA	NA	.25
06/ 4	93	7	68	6	81	7	.00	98	79	89	NA	NA	NA	.24
06/ 5	96	10	69	7	83	9	.00	101	81	91	NA	NA	NA	.26
06/ 6	98	12	69	7	84	10	.00	99	81	90	NA	NA	NA	.27
06/ 7	96	10	71	9	84	10	.00	98	82	90	NA	NA	NA	.25
06/ 8	91	4	69	7	80	5	Trace	97	80	89	NA	NA	NA	.23
06/ 9	89	2	66	3	78	3	.00	96	79	88	NA	NA	NA	.22
06/10	95	8	67	4	81	6	.00	98	79	89	NA	NA	NA	.26
06/11	87	0	70	7	79	4	.02	93	80	87	NA	NA	NA	.20
06/12	85	-3	64	1	75	-1	.15	89	76	83	NA	NA	NA	.20
06/13	77	-11	50	-14	64	-12	.00	91	69	80	NA	NA	NA	.20
06/14	76	-12	50	-14	63	-13	.00	92	69	81	NA	NA	NA	.19
06/15	83	-5	48	-16	66	-10	.00	93	70	82	NA	NA	NA	.24
06/16	87	-1	58	-6	73	-3	.96	91	72	82	NA	NA	NA	.24
06/17	88	0	67	3	78	2	.00	90	74	82	NA	NA	NA	.21
06/18	92	3	67	2	80	3	.97	93	75	84	NA	NA	NA	.24
06/19	77	-12	65	0	71	-6	.03	78	72	75	NA	NA	NA	.15
06/20	77	-12	56	-9	67	-10	.00	82	68	75	NA	NA	NA	.18
06/21	83	-6	55	-10	69	-8	.00	92	67	80	NA	NA	NA	.22
06/22	86	-3	60	-5	73	-4	.00	93	71	82	NA	NA	NA	.22
06/23	85	-4	65	0	75	-2	.31	88	75	82	NA	NA	NA	.20
06/24	88	-1	67	1	78	0	.11	86	74	80	NA	NA	NA	.21
06/25	92	3	68	2	80	2	.07	97	73	85	NA	NA	NA	.24
06/26	92	3	68	2	80	2	.00	98	76	87	NA	NA	NA	.24
06/27	93	3	68	2	81	3	.00	100	78	89	NA	NA	NA	.24
06/28	94	4	68	2	81	3	.09	99	79	89	NA	NA	NA	.25
06/29	81	-9	67	1	74	-4	.43	85	75	80	NA	NA	NA	.17
06/30	84	-6	65	-1	75	-3	.00	87	74	81	NA	NA	NA	.19

AIR TEMPERATURES:
Mean Maximum= 88.0 Mean Minimum= 64.5 Average= 76.2
DFN= +.1 DFN= +.6 DFN= +.3
Highest= 98 Lowest= 48

PRECIPITATION STATISTICS:
Total= 3.14 DFN= -.24 Greatest Daily= .97 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .22

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
07/ 1	80	-10	59	-7	70	-8	.12	87	70	79	NA	NA	NA	.19
07/ 2	81	-9	58	-9	70	-9	.17	87	70	79	NA	NA	NA	.20
07/ 3	84	-6	59	-8	72	-7	.00	90	70	80	NA	NA	NA	.21
07/ 4	89	-1	63	-4	76	-3	.02	94	73	84	NA	NA	NA	.23
07/ 5	83	-7	65	-2	74	-5	.05	85	73	79	NA	NA	NA	.19
07/ 6	84	-6	64	-3	74	-5	.48	87	73	80	NA	NA	NA	.20
07/ 7	82	-8	63	-4	73	-6	.00	86	72	79	NA	NA	NA	.19
07/ 8	88	-2	64	-3	76	-3	.00	96	72	84	NA	NA	NA	.22
07/ 9	90	0	66	-1	78	-1	.00	99	76	88	NA	NA	NA	.23
07/10	93	3	67	0	80	1	.00	98	78	88	NA	NA	NA	.24
07/11	95	5	65	-2	80	1	.94	102	78	90	NA	NA	NA	.26
07/12	91	1	66	-1	79	0	.00	95	78	87	NA	NA	NA	.23
07/13	93	2	69	2	81	2	.00	101	78	90	NA	NA	NA	.24
07/14	94	3	71	4	83	4	.00	102	81	92	NA	NA	NA	.24
07/15	95	4	72	4	84	4	.00	104	83	94	NA	NA	NA	.24
07/16	93	2	69	1	81	1	.52	102	80	91	NA	NA	NA	.24
07/17	90	-1	65	-3	78	-2	.03	92	70	81	NA	NA	NA	.23
07/18	89	-2	65	-3	77	-3	.00	98	70	84	NA	NA	NA	.22
07/19	92	1	68	0	80	0	.00	99	78	89	NA	NA	NA	.23
07/20	94	3	68	0	81	1	.00	101	80	91	NA	NA	NA	.24
07/21	94	3	69	1	82	2	.00	100	82	91	NA	NA	NA	.24
07/22	93	2	70	2	82	2	.00	97	82	90	NA	NA	NA	.23
07/23	95	4	70	2	83	3	.02	102	83	93	NA	NA	NA	.24
07/24	89	-2	70	2	80	0	.07	98	81	90	NA	NA	NA	.21
07/25	80	-11	67	-1	74	-6	.08	82	76	79	NA	NA	NA	.16
07/26	86	-5	70	2	78	-2	.14	88	76	82	NA	NA	NA	.19
07/27	87	-4	70	2	79	-1	1.58	85	76	81	NA	NA	NA	.19
07/28	79	-12	67	0	73	-6	1.62	77	74	76	NA	NA	NA	.15
07/29	84	-7	71	4	78	-1	.04	85	74	80	NA	NA	NA	.17
07/30	87	-4	71	4	79	0	.00	90	76	83	NA	NA	NA	.19
07/31	91	0	71	4	81	2	.00	95	78	87	NA	NA	NA	.21

AIR TEMPERATURES:
Mean Maximum= 88.5 Mean Minimum= 66.8 Average= 77.7
DFN= -2.1 DFN= -.5 DFN= -1.3
Highest= 95 Lowest= 58

PRECIPITATION STATISTICS:
Total= 5.88 DFN= +1.34 Greatest Daily= 1.62 Rain Days= 15

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .21

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
08/ 1	91	0	70	3	81	2	.00	99	80	90	NA	NA	NA	.21
08/ 2	92	1	70	3	81	2	.20	100	79	90	NA	NA	NA	.22
08/ 3	86	-5	61	-6	74	-5	.00	95	75	85	NA	NA	NA	.21
08/ 4	82	-9	64	-3	73	-6	.00	88	75	82	NA	NA	NA	.18
08/ 5	84	-7	61	-6	73	-6	.00	95	75	85	NA	NA	NA	.20
08/ 6	85	-6	61	-6	73	-6	.08	88	75	82	NA	NA	NA	.20
08/ 7	80	-11	70	3	75	-4	.04	85	77	81	NA	NA	NA	.14
08/ 8	85	-6	66	-1	76	-3	.90	88	75	82	NA	NA	NA	.19
08/ 9	88	-3	66	-1	77	-2	.00	90	75	83	NA	NA	NA	.20
08/10	91	0	67	0	79	0	.00	93	76	85	NA	NA	NA	.22
08/11	92	1	67	0	80	1	.00	99	78	89	NA	NA	NA	.23
08/12	93	2	68	1	81	2	.00	100	79	90	NA	NA	NA	.23
08/13	93	2	69	3	81	2	.00	100	81	91	NA	NA	NA	.23
08/14	92	1	69	3	81	2	.00	99	82	91	NA	NA	NA	.22
08/15	92	1	69	3	81	2	.00	97	82	90	NA	NA	NA	.22
08/16	89	-2	69	3	79	0	.37	95	72	84	NA	NA	NA	.20
08/17	80	-11	69	3	75	-4	2.29	82	76	79	NA	NA	NA	.14
08/18	83	-8	67	1	75	-4	.02	84	76	80	NA	NA	NA	.17
08/19	90	-1	65	-1	78	-1	.00	92	74	83	NA	NA	NA	.22
08/20	90	-1	64	-2	77	-2	.00	94	76	85	NA	NA	NA	.22
08/21	88	-2	67	1	78	0	.00	93	78	86	NA	NA	NA	.20
08/22	84	-6	61	-4	73	-5	.00	90	74	82	NA	NA	NA	.19
08/23	85	-5	61	-4	73	-5	.00	95	74	85	NA	NA	NA	.19
08/24	83	-7	66	1	75	-3	Trace	87	78	83	NA	NA	NA	.17
08/25	88	-2	66	1	77	-1	1.16	88	75	82	NA	NA	NA	.20
08/26	82	-8	65	0	74	-4	.62	84	75	80	NA	NA	NA	.16
08/27	82	-8	66	1	74	-4	.00	89	75	82	NA	NA	NA	.16
08/28	84	-5	65	0	75	-2	.00	87	74	81	NA	NA	NA	.17
08/29	89	0	65	0	77	0	.00	91	74	83	NA	NA	NA	.20
08/30	87	-2	66	2	77	0	.00	94	76	85	NA	NA	NA	.19
08/31	90	1	65	1	78	1	.00	96	77	87	NA	NA	NA	.21

AIR TEMPERATURES:
Mean Maximum= 87.1 Mean Minimum= 66.0 Average= 76.5
DFN= -3.4 DFN= +.0 DFN= -1.7
Highest= 93 Lowest= 61

PRECIPITATION STATISTICS:
Total= 5.68 DFN= +2.45 Greatest Daily= 2.29 Rain Days= 9

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .20

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
09/ 1	89	1	63	-1	76	0	.00	96	77	87	NA	NA	NA	.21
09/ 2	87	-1	65	1	76	0	.00	95	77	86	NA	NA	NA	.19
09/ 3	88	0	69	5	79	3	.03	93	78	86	NA	NA	NA	.18
09/ 4	89	1	67	3	78	2	Trace	92	77	85	NA	NA	NA	.19
09/ 5	89	2	66	2	78	2	.00	94	77	86	NA	NA	NA	.19
09/ 6	87	0	68	5	78	3	.26	92	78	85	NA	NA	NA	.18
09/ 7	89	2	69	6	79	4	.00	90	77	84	NA	NA	NA	.18
09/ 8	91	4	69	6	80	5	.00	94	77	86	NA	NA	NA	.20
09/ 9	90	3	66	3	78	3	.14	92	78	85	NA	NA	NA	.20
09/10	89	3	67	5	78	4	.00	94	76	85	NA	NA	NA	.19
09/11	90	4	67	5	79	5	.00	95	78	87	NA	NA	NA	.19
09/12	88	2	62	0	75	1	.00	93	76	85	NA	NA	NA	.20
09/13	85	0	58	-4	72	-2	.00	92	74	83	NA	NA	NA	.19
09/14	77	-8	55	-6	66	-7	.00	85	70	78	NA	NA	NA	.15
09/15	72	-13	52	-9	62	-11	.00	82	68	75	NA	NA	NA	.12
09/16	75	-10	51	-10	63	-10	.00	85	68	77	NA	NA	NA	.15
09/17	79	-5	52	-8	66	-6	.00	85	70	78	NA	NA	NA	.17
09/18	82	-2	50	-10	66	-6	.00	88	70	79	NA	NA	NA	.19
09/19	84	0	52	-7	68	-4	.00	86	70	78	NA	NA	NA	.20
09/20	84	1	52	-7	68	-3	.00	88	70	79	NA	NA	NA	.20
09/21	85	2	58	-1	72	1	.00	86	70	78	NA	NA	NA	.18
09/22	85	2	56	-2	71	0	.00	86	70	78	NA	NA	NA	.19
09/23	87	4	58	0	73	2	.00	88	70	79	NA	NA	NA	.19
09/24	74	-8	58	1	66	-4	.36	77	70	74	NA	NA	NA	.11
09/25	75	-7	44	-13	60	-10	.00	80	62	71	NA	NA	NA	.16
09/26	82	0	44	-12	63	-6	1.12	80	62	71	NA	NA	NA	.20
09/27	73	-8	50	-6	62	-7	.00	81	63	72	NA	NA	NA	.13
09/28	69	-12	43	-12	56	-12	.00	77	59	68	NA	NA	NA	.12
09/29	75	-6	43	-12	59	-9	.00	78	59	69	NA	NA	NA	.16
09/30	79	-1	52	-2	66	-1	.00	78	61	70	NA	NA	NA	.16

AIR TEMPERATURES:
Mean Maximum= 82.9 Mean Minimum= 57.5 Average= 70.2
DFN= -1.7 DFN= -2.7 DFN= -2.2
Highest= 91 Lowest= 43

PRECIPITATION STATISTICS:
Total= 1.91 DFN= -1.80 Greatest Daily= 1.12 Rain Days= 5

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .18

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	82	2	60	6	71	4	1.77	77	63	70	NA	NA	NA	.15
10/ 2	52	-28	44	-9	48	-19	.51	65	56	61	NA	NA	NA	.01
10/ 3	57	-22	47	-6	52	-14	.02	60	56	58	NA	NA	NA	.03
10/ 4	69	-10	50	-2	60	-6	Trace	70	60	65	NA	NA	NA	.10
10/ 5	81	2	47	-5	64	-2	.00	76	60	68	NA	NA	NA	.18
10/ 6	67	-11	37	-14	52	-13	.00	75	55	65	NA	NA	NA	.12
10/ 7	66	-12	38	-13	52	-13	.00	75	55	65	NA	NA	NA	.11
10/ 8	73	-5	39	-11	56	-8	.00	76	56	66	NA	NA	NA	.15
10/ 9	76	-1	49	-1	63	-1	.00	76	59	68	NA	NA	NA	.14
10/10	80	3	55	5	68	4	.00	74	63	69	NA	NA	NA	.14
10/11	84	8	53	4	69	6	.00	81	64	73	NA	NA	NA	.18
10/12	86	10	52	3	69	6	.00	82	65	74	NA	NA	NA	.19
10/13	86	10	56	8	71	9	.00	83	67	75	NA	NA	NA	.18
10/14	85	10	64	16	75	13	.00	82	71	77	NA	NA	NA	.14
10/15	80	5	64	17	72	11	.95	77	70	74	NA	NA	NA	.11
10/16	77	2	59	12	68	7	.04	78	67	73	NA	NA	NA	.11
10/17	78	4	53	6	66	5	.00	78	62	70	NA	NA	NA	.13
10/18	75	1	53	7	64	4	Trace	71	62	67	NA	NA	NA	.11
10/19	81	8	60	14	71	11	.00	77	66	72	NA	NA	NA	.13
10/20	83	10	59	14	71	12	.00	77	67	72	NA	NA	NA	.14
10/21	80	7	61	16	71	12	.98	78	67	73	NA	NA	NA	.12
10/22	76	4	61	16	69	10	.02	77	68	73	NA	NA	NA	.09
10/23	72	0	63	19	68	10	.02	73	68	71	NA	NA	NA	.06
10/24	73	1	64	20	69	11	.71	72	69	71	NA	NA	NA	.06
10/25	73	2	61	17	67	9	1.29	73	68	71	NA	NA	NA	.07
10/26	74	3	53	10	64	7	.00	75	62	69	NA	NA	NA	.10
10/27	76	6	54	11	65	8	.00	72	60	66	NA	NA	NA	.11
10/28	67	-3	59	16	63	6	.08	67	63	65	NA	NA	NA	.03
10/29	73	4	60	17	67	11	.01	69	63	66	NA	NA	NA	.07
10/30	70	1	59	17	65	9	.00	69	62	66	NA	NA	NA	.05
10/31	64	-5	59	17	62	6	.36	65	62	64	NA	NA	NA	.01

AIR TEMPERATURES:
Mean Maximum= 74.7 Mean Minimum= 54.6 Average= 64.7
DFN= +.2 DFN= +7.3 DFN= +3.8
Highest= 86 Lowest= 37

PRECIPITATION STATISTICS:
Total= 6.76 DFN= +3.82 Greatest Daily= 1.77 Rain Days= 13

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .11

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
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Daily Weather Observations for: BELLE MINA 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	67	-1	59	17	63	8	1.22	66	63	65	NA	NA	NA	.03
11/ 2	65	-3	53	12	59	4	.08	65	61	63	NA	NA	NA	.04
11/ 3	65	-2	50	9	58	4	.08	63	59	61	NA	NA	NA	.05
11/ 4	57	-10	43	2	50	-4	.03	64	54	59	NA	NA	NA	.02
11/ 5	57	-10	35	-6	46	-8	.00	62	48	55	NA	NA	NA	.04
11/ 6	59	-7	32	-8	46	-7	.00	62	47	55	NA	NA	NA	.06
11/ 7	68	2	33	-7	51	-2	Trace	64	47	56	NA	NA	NA	.12
11/ 8	57	-9	29	-11	43	-10	Trace	60	46	53	NA	NA	NA	.06
11/ 9	63	-2	30	-10	47	-6	.00	62	46	54	NA	NA	NA	.09
11/10	70	5	40	1	55	3	.00	64	48	56	NA	NA	NA	.10
11/11	78	14	52	13	65	13	.00	69	53	61	NA	NA	NA	.12
11/12	78	14	52	13	65	13	.00	70	58	64	NA	NA	NA	.11
11/13	82	18	58	19	70	18	.00	74	62	68	NA	NA	NA	.12
11/14	80	17	55	17	68	17	.00	74	62	68	NA	NA	NA	.12
11/15	78	15	55	17	67	16	.00	72	60	66	NA	NA	NA	.10
11/16	78	15	61	23	70	19	.00	72	62	67	NA	NA	NA	.08
11/17	68	6	53	15	61	11	.15	67	62	65	NA	NA	NA	.04
11/18	73	11	57	19	65	15	.00	69	61	65	NA	NA	NA	.06
11/19	80	19	59	22	70	21	.00	70	61	66	NA	NA	NA	.10
11/20	76	15	55	18	66	17	.00	70	63	67	NA	NA	NA	.09
11/21	57	-4	42	5	50	1	.00	64	54	59	NA	NA	NA	.01
11/22	52	-8	41	4	47	-2	.09	58	54	56	NA	NA	NA	.00
11/23	55	-5	32	-5	44	-5	.01	59	48	54	NA	NA	NA	.03
11/24	68	8	32	-4	50	2	.00	63	48	56	NA	NA	NA	.11
11/25	61	2	53	17	57	9	.10	60	56	58	NA	NA	NA	.00
11/26	67	8	54	18	61	13	.00	63	57	60	NA	NA	NA	.03
11/27	73	14	64	28	69	21	Trace	67	61	64	NA	NA	NA	.04
11/28	76	18	62	27	69	22	.27	71	65	68	NA	NA	NA	.06
11/29	64	6	50	15	57	10	.28	66	58	62	NA	NA	NA	.02
11/30	55	-3	50	15	53	6	.01	60	58	59	NA	NA	NA	.00

AIR TEMPERATURES:
Mean Maximum= 67.6 Mean Minimum= 48.0 Average= 57.8
DFN= +4.8 DFN= +9.8 DFN= +7.3
Highest= 82 Lowest= 29

PRECIPITATION STATISTICS:
Total= 2.32 DFN= -2.07 Greatest Daily= 1.22 Rain Days= 11

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .06

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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Daily Weather Observations for: BELLE MINA 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	69	11	53	18	61	14	.00	68	58	63	NA	NA	NA	.04
12/ 2	66	9	27	-8	47	1	.59	64	44	54	NA	NA	NA	.11
12/ 3	36	-21	21	-14	29	-17	.00	52	39	46	NA	NA	NA	.00
12/ 4	41	-16	21	-13	31	-15	.00	49	39	44	NA	NA	NA	.00
12/ 5	49	-7	33	-1	41	-4	.09	50	41	46	NA	NA	NA	.00
12/ 6	52	-4	30	-4	41	-4	.02	54	41	48	NA	NA	NA	.01
12/ 7	40	-16	24	-10	32	-13	.00	48	38	43	NA	NA	NA	.00
12/ 8	51	-5	25	-9	38	-7	.00	50	38	44	NA	NA	NA	.02
12/ 9	62	7	41	7	52	7	.00	53	43	48	NA	NA	NA	.04
12/10	70	15	44	11	57	13	.00	61	48	55	NA	NA	NA	.08
12/11	70	15	46	13	58	14	.00	60	50	55	NA	NA	NA	.07
12/12	68	14	45	12	57	13	.45	59	53	56	NA	NA	NA	.06
12/13	47	-7	40	7	44	0	.84	55	49	52	NA	NA	NA	.00
12/14	42	-12	15	-18	29	-15	Trace	49	38	44	NA	NA	NA	.00
12/15	29	-25	15	-18	22	-22	.00	44	35	40	NA	NA	NA	.00
12/16	41	-13	17	-15	29	-14	.00	42	35	39	NA	NA	NA	.00
12/17	51	-2	22	-10	37	-6	.00	48	36	42	NA	NA	NA	.02
12/18	56	3	25	-7	41	-2	.00	48	37	43	NA	NA	NA	.05
12/19	32	-21	10	-22	21	-22	.00	40	33	37	NA	NA	NA	.00
12/20	36	-17	10	-22	23	-20	.10	36	32	34	NA	NA	NA	.00
12/21	34	-19	15	-17	25	-18	.00	38	34	36	NA	NA	NA	.00
12/22	30	-22	16	-16	23	-19	.00	36	34	35	NA	NA	NA	.00
12/23	57	5	25	-7	41	-1	.00	43	34	39	NA	NA	NA	.05
12/24	56	4	31	0	44	2	.00	52	40	46	NA	NA	NA	.03
12/25	45	-7	14	-17	30	-12	Trace	45	34	40	NA	NA	NA	.01
12/26	20	-32	10	-21	15	-27	.00	35	32	34	NA	NA	NA	.00
12/27	37	-14	10	-21	24	-17	.00	32	32	32	NA	NA	NA	.00
12/28	53	2	22	-9	38	-3	.00	40	32	36	NA	NA	NA	.04
12/29	53	2	18	-13	36	-5	.00	44	35	40	NA	NA	NA	.05
12/30	45	-6	17	-14	31	-10	.00	44	35	40	NA	NA	NA	.00
12/31	55	4	17	-14	36	-5	.53	45	35	40	NA	NA	NA	.07

AIR TEMPERATURES:
Mean Maximum= 48.2 Mean Minimum= 24.5 Average= 36.3
DFN= -5.6 DFN= -8.1 DFN= -6.9
Highest= 70 Lowest= 10

PRECIPITATION STATISTICS:
Total= 2.62 DFN= -2.75 Greatest Daily= .84 Rain Days= 7

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .02

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
01/ 1	79	17	55	18	67	17	.05	73	65	69	NA	NA	NA	.11
01/ 2	77	15	45	8	61	11	.40	72	59	66	NA	NA	NA	.13
01/ 3	49	-13	39	2	44	-6	.42	59	50	55	NA	NA	NA	.00
01/ 4	46	-16	28	-9	37	-13	.13	52	43	48	NA	NA	NA	.00
01/ 5	43	-19	21	-16	32	-18	.00	52	39	46	NA	NA	NA	.00
01/ 6	50	-12	20	-17	35	-15	.00	52	39	46	NA	NA	NA	.03
01/ 7	58	-4	22	-15	40	-10	.00	55	40	48	NA	NA	NA	.08
01/ 8	62	0	25	-12	44	-6	.00	53	42	48	NA	NA	NA	.10
01/ 9	58	-4	21	-16	40	-10	.00	56	39	48	NA	NA	NA	.08
01/10	61	-1	22	-15	42	-8	.00	55	39	47	NA	NA	NA	.10
01/11	73	11	37	0	55	5	.00	60	40	50	NA	NA	NA	.13
01/12	46	-16	28	-8	37	-12	.00	50	41	46	NA	NA	NA	.00
01/13	41	-21	23	-13	32	-17	.00	48	39	44	NA	NA	NA	.00
01/14	48	-14	25	-11	37	-12	.00	52	39	46	NA	NA	NA	.01
01/15	51	-11	24	-13	38	-12	Trace	53	39	46	NA	NA	NA	.03
01/16	53	-9	20	-17	37	-13	.00	54	39	47	NA	NA	NA	.06
01/17	59	-3	25	-12	42	-8	2.19	54	39	47	NA	NA	NA	.08
01/18	55	-7	26	-11	41	-9	Trace	55	42	49	NA	NA	NA	.05
01/19	55	-7	26	-11	41	-9	.00	54	42	48	NA	NA	NA	.05
01/20	64	2	26	-11	45	-5	.00	57	42	50	NA	NA	NA	.11
01/21	30	-32	-1	-38	15	-35	Trace	45	32	39	NA	NA	NA	.00
01/22	26	-36	-1	-38	13	-37	.00	32	32	32	NA	NA	NA	.00
01/23	49	-13	10	-27	30	-20	.00	40	32	36	NA	NA	NA	.07
01/24	52	-11	18	-19	35	-15	.05	47	36	42	NA	NA	NA	.06
01/25	47	-16	32	-5	40	-10	.15	45	40	43	NA	NA	NA	.00
01/26	62	-1	20	-17	41	-9	.00	55	39	47	NA	NA	NA	.12
01/27	48	-15	17	-20	33	-17	.00	49	37	43	NA	NA	NA	.04
01/28	62	-1	19	-18	41	-9	1.23	49	37	43	NA	NA	NA	.12
01/29	55	-8	25	-12	40	-10	.00	52	39	46	NA	NA	NA	.06
01/30	58	-5	26	-11	42	-8	.20	55	39	47	NA	NA	NA	.08
01/31	69	5	43	6	56	5	1.05	58	46	52	NA	NA	NA	.09

AIR TEMPERATURES:
Mean Maximum= 54.4 Mean Minimum= 24.7 Average= 39.5
DFN= -7.9 DFN= -12.2 DFN= -10.0
Highest= 79 Lowest= -1

PRECIPITATION STATISTICS:
Total= 5.87 DFN= +1.11 Greatest Daily= 2.19 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .06

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
02/ 1	76	12	59	22	68	17	.17	65	58	62	NA	NA	NA	.09
02/ 2	73	9	31	-6	52	1	.66	63	47	55	NA	NA	NA	.16
02/ 3	35	-29	23	-14	29	-22	.00	48	39	44	NA	NA	NA	.00
02/ 4	44	-20	23	-14	34	-17	Trace	48	39	44	NA	NA	NA	.00
02/ 5	65	1	28	-9	47	-4	.15	58	40	49	NA	NA	NA	.12
02/ 6	70	5	43	6	57	6	3.27	59	51	55	NA	NA	NA	.11
02/ 7	47	-18	29	-9	38	-14	Trace	55	41	48	NA	NA	NA	.01
02/ 8	51	-14	24	-14	38	-14	.00	54	39	47	NA	NA	NA	.05
02/ 9	52	-13	20	-18	36	-16	.00	49	38	44	NA	NA	NA	.07
02/10	61	-4	21	-17	41	-11	.00	57	38	48	NA	NA	NA	.12
02/11	66	0	24	-14	45	-7	.52	57	39	48	NA	NA	NA	.14
02/12	58	-8	30	-8	44	-8	.02	55	40	48	NA	NA	NA	.07
02/13	49	-17	22	-16	36	-16	.00	51	37	44	NA	NA	NA	.04
02/14	56	-10	25	-13	41	-11	.00	51	37	44	NA	NA	NA	.08
02/15	55	-11	23	-15	39	-13	Trace	51	38	45	NA	NA	NA	.08
02/16	53	-13	18	-21	36	-17	.00	57	38	48	NA	NA	NA	.08
02/17	59	-8	19	-20	39	-14	.00	56	38	47	NA	NA	NA	.12
02/18	62	-5	34	-5	48	-5	.00	53	42	48	NA	NA	NA	.09
02/19	73	6	44	5	59	6	.02	60	48	54	NA	NA	NA	.13
02/20	75	8	44	5	60	7	.00	64	51	58	NA	NA	NA	.14
02/21	73	5	44	5	59	5	.00	68	51	60	NA	NA	NA	.13
02/22	75	7	41	1	58	4	.00	69	51	60	NA	NA	NA	.16
02/23	78	10	49	9	64	10	.00	70	53	62	NA	NA	NA	.15
02/24	80	12	57	17	69	15	.00	73	57	65	NA	NA	NA	.14
02/25	73	5	54	14	64	10	2.33	64	59	62	NA	NA	NA	.10
02/26	73	4	55	14	64	9	.83	65	59	62	NA	NA	NA	.10
02/27	71	2	56	15	64	9	.19	68	62	65	NA	NA	NA	.09
02/28	61	-8	41	0	51	-4	.17	63	53	58	NA	NA	NA	.07

AIR TEMPERATURES:
Mean Maximum= 63.0 Mean Minimum= 35.0 Average= 49.0
DFN= -3.3 DFN= -3.6 DFN= -3.4
Highest= 80 Lowest= 18

PRECIPITATION STATISTICS:
Total= 8.33 DFN= +2.76 Greatest Daily= 3.27 Rain Days= 11

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .09

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

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Daily Weather Observations for: BREWTON 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
03/ 1	67	-2	42	1	55	0	.17	64	53	59	NA	NA	NA	.11
03/ 2	56	-14	43	1	50	-6	1.00	57	54	56	NA	NA	NA	.04
03/ 3	72	2	43	1	58	2	.00	66	54	60	NA	NA	NA	.14
03/ 4	77	7	45	3	61	5	.00	70	54	62	NA	NA	NA	.16
03/ 5	77	7	49	7	63	7	.08	68	58	63	NA	NA	NA	.15
03/ 6	68	-3	39	-3	54	-3	.00	66	51	59	NA	NA	NA	.13
03/ 7	72	1	39	-4	56	-1	.00	68	51	60	NA	NA	NA	.15
03/ 8	74	3	45	2	60	3	.00	67	52	60	NA	NA	NA	.15
03/ 9	80	9	49	6	65	8	.00	74	54	64	NA	NA	NA	.17
03/10	81	9	55	12	68	10	.00	75	62	69	NA	NA	NA	.16
03/11	81	9	53	9	67	9	.00	78	62	70	NA	NA	NA	.17
03/12	81	9	60	16	71	13	.00	76	63	70	NA	NA	NA	.15
03/13	70	-2	48	4	59	1	.04	68	59	64	NA	NA	NA	.12
03/14	83	10	52	8	68	9	.00	72	59	66	NA	NA	NA	.19
03/15	84	11	48	3	66	7	.02	79	61	70	NA	NA	NA	.21
03/16	69	-4	47	2	58	-1	.04	73	60	67	NA	NA	NA	.12
03/17	57	-16	47	2	52	-7	.49	61	57	59	NA	NA	NA	.04
03/18	67	-7	33	-12	50	-10	.00	66	48	57	NA	NA	NA	.15
03/19	65	-9	27	-19	46	-14	.00	64	47	56	NA	NA	NA	.16
03/20	72	-2	31	-15	52	-8	.00	69	46	58	NA	NA	NA	.19
03/21	72	-2	41	-5	57	-3	1.21	68	49	59	NA	NA	NA	.16
03/22	77	2	52	6	65	4	.19	67	57	62	NA	NA	NA	.16
03/23	66	-9	42	-4	54	-7	.00	65	56	61	NA	NA	NA	.12
03/24	74	-1	44	-3	59	-2	.00	72	55	64	NA	NA	NA	.16
03/25	77	1	40	-7	59	-3	.00	72	55	64	NA	NA	NA	.20
03/26	77	1	39	-8	58	-4	.00	74	54	64	NA	NA	NA	.20
03/27	79	3	41	-6	60	-2	.00	76	54	65	NA	NA	NA	.21
03/28	75	-1	48	0	62	0	.09	68	57	63	NA	NA	NA	.16
03/29	82	5	63	15	73	10	.00	78	62	70	NA	NA	NA	.16
03/30	82	5	58	10	70	7	.00	80	66	73	NA	NA	NA	.17
03/31	82	5	59	11	71	8	.00	79	69	74	NA	NA	NA	.17

AIR TEMPERATURES:
Mean Maximum= 74.1 Mean Minimum= 45.9 Average= 60.0
DFN= +.9 DFN= +1.1 DFN= +1.0
Highest= 84 Lowest= 27

PRECIPITATION STATISTICS:
Total= 3.33 DFN= -2.87 Greatest Daily= 1.21 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .15

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: BREWTON 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
04/ 1	74	-4	34	-14	54	-9	.19	69	63	66	NA	NA	NA	.20
04/ 2	72	-6	38	-11	55	-9	.00	75	53	64	NA	NA	NA	.18
04/ 3	67	-11	31	-18	49	-15	Trace	73	52	63	NA	NA	NA	.17
04/ 4	79	1	39	-10	59	-5	.00	77	52	65	NA	NA	NA	.22
04/ 5	79	0	53	4	66	2	Trace	77	58	68	NA	NA	NA	.18
04/ 6	76	-3	45	-4	61	-3	.81	69	58	64	NA	NA	NA	.18
04/ 7	75	-4	41	-9	58	-7	.00	73	57	65	NA	NA	NA	.19
04/ 8	82	3	47	-3	65	0	.00	77	56	67	NA	NA	NA	.22
04/ 9	69	-11	33	-17	51	-14	.00	74	53	64	NA	NA	NA	.18
04/10	68	-12	32	-18	50	-15	.00	75	52	64	NA	NA	NA	.18
04/11	74	-6	37	-14	56	-10	.00	78	52	65	NA	NA	NA	.20
04/12	78	-3	48	-3	63	-3	.00	75	56	66	NA	NA	NA	.19
04/13	78	-3	51	0	65	-1	.00	78	64	71	NA	NA	NA	.18
04/14	75	-6	52	1	64	-2	.00	75	64	70	NA	NA	NA	.16
04/15	79	-2	54	3	67	1	.08	82	64	73	NA	NA	NA	.18
04/16	81	0	50	-2	66	-1	.99	82	62	72	NA	NA	NA	.20
04/17	77	-5	46	-6	62	-5	.00	72	60	66	NA	NA	NA	.19
04/18	85	3	51	-1	68	1	.00	81	60	71	NA	NA	NA	.23
04/19	85	3	51	-1	68	1	.00	82	64	73	NA	NA	NA	.23
04/20	85	3	57	5	71	4	.00	84	64	74	NA	NA	NA	.21
04/21	85	2	51	-2	68	0	.00	89	66	78	NA	NA	NA	.23
04/22	87	4	55	2	71	3	.00	90	66	78	NA	NA	NA	.23
04/23	84	1	58	5	71	3	.00	89	68	79	NA	NA	NA	.20
04/24	86	3	61	8	74	6	.08	91	70	81	NA	NA	NA	.21
04/25	76	-7	56	2	66	-3	.19	79	68	74	NA	NA	NA	.16
04/26	85	1	61	7	73	4	.00	84	68	76	NA	NA	NA	.20
04/27	83	-1	62	8	73	4	.00	84	70	77	NA	NA	NA	.18
04/28	85	1	65	11	75	6	.00	89	72	81	NA	NA	NA	.19
04/29	90	6	66	12	78	9	Trace	91	74	83	NA	NA	NA	.22
04/30	89	5	61	6	75	5	.00	95	73	84	NA	NA	NA	.23

AIR TEMPERATURES:
Mean Maximum= 79.6 Mean Minimum= 49.5 Average= 64.6
DFN= -1.6 DFN= -2.0 DFN= -1.8
Highest= 90 Lowest= 31

PRECIPITATION STATISTICS:
Total= 2.34 DFN= -2.82 Greatest Daily= .99 Rain Days= 6

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .20

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: BREWTON 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
05/ 1	84	0	62	7	73	3	.00	89	73	81	NA	NA	NA	.19
05/ 2	81	-4	63	8	72	2	.02	82	73	78	NA	NA	NA	.17
05/ 3	83	-2	61	6	72	2	1.82	83	69	76	NA	NA	NA	.19
05/ 4	71	-14	54	-2	63	-8	.00	72	64	68	NA	NA	NA	.14
05/ 5	80	-5	53	-3	67	-4	.00	80	63	72	NA	NA	NA	.20
05/ 6	84	-1	56	0	70	-1	.00	87	63	75	NA	NA	NA	.21
05/ 7	87	1	58	2	73	2	.00	91	69	80	NA	NA	NA	.23
05/ 8	90	4	65	9	78	7	.07	93	72	83	NA	NA	NA	.22
05/ 9	89	3	60	3	75	3	.31	87	70	79	NA	NA	NA	.23
05/10	78	-8	62	5	70	-2	1.16	80	70	75	NA	NA	NA	.16
05/11	83	-3	63	6	73	1	.00	81	72	77	NA	NA	NA	.19
05/12	85	-2	63	6	74	2	.00	84	72	78	NA	NA	NA	.20
05/13	89	2	60	3	75	3	.00	89	71	80	NA	NA	NA	.24
05/14	89	2	60	2	75	2	.00	89	71	80	NA	NA	NA	.24
05/15	89	2	62	4	76	3	.00	92	72	82	NA	NA	NA	.23
05/16	90	3	51	-7	71	-2	.00	97	70	84	NA	NA	NA	.27
05/17	88	1	55	-3	72	-1	.00	95	70	83	NA	NA	NA	.25
05/18	80	-8	51	-8	66	-8	.00	89	69	79	NA	NA	NA	.21
05/19	80	-8	52	-7	66	-8	.00	92	69	81	NA	NA	NA	.21
05/20	86	-2	56	-3	71	-3	.00	95	72	84	NA	NA	NA	.23
05/21	90	2	63	4	77	3	.00	97	73	85	NA	NA	NA	.23
05/22	91	3	61	1	76	2	.24	98	74	86	NA	NA	NA	.25
05/23	82	-7	65	5	74	-1	.23	82	73	78	NA	NA	NA	.18
05/24	84	-5	57	-3	71	-4	Trace	87	69	78	NA	NA	NA	.22
05/25	84	-5	50	-10	67	-8	.00	93	69	81	NA	NA	NA	.24
05/26	84	-5	50	-10	67	-8	.00	94	69	82	NA	NA	NA	.24
05/27	87	-2	53	-8	70	-5	.00	96	70	83	NA	NA	NA	.25
05/28	90	0	55	-6	73	-3	.00	93	73	83	NA	NA	NA	.26
05/29	90	0	59	-2	75	-1	.00	94	73	84	NA	NA	NA	.25
05/30	90	0	64	3	77	1	.00	96	78	87	NA	NA	NA	.23
05/31	91	1	64	2	78	2	.00	95	78	87	NA	NA	NA	.24

AIR TEMPERATURES:
Mean Maximum= 85.5 Mean Minimum= 58.3 Average= 71.9
DFN= -1.8 DFN= +.1 DFN= -.9
Highest= 91 Lowest= 50

PRECIPITATION STATISTICS:
Total= 3.85 DFN= -.89 Greatest Daily= 1.82 Rain Days= 7

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .22

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

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Daily Weather Observations for: BREWTON 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
06/ 1	94	4	65	3	80	4	.00	99	78	89	NA	NA	NA	.26
06/ 2	97	7	70	8	84	8	.00	99	81	90	NA	NA	NA	.26
06/ 3	97	6	70	8	84	7	.00	100	82	91	NA	NA	NA	.26
06/ 4	98	7	66	3	82	5	.00	104	82	93	NA	NA	NA	.28
06/ 5	101	10	67	4	84	7	.00	106	82	94	NA	NA	NA	.29
06/ 6	101	10	66	3	84	7	.00	104	83	94	NA	NA	NA	.30
06/ 7	104	13	67	4	86	9	.00	105	83	94	NA	NA	NA	.31
06/ 8	98	7	68	5	83	6	.00	100	84	92	NA	NA	NA	.27
06/ 9	95	3	69	5	82	4	.00	99	83	91	NA	NA	NA	.25
06/10	94	2	65	1	80	2	.71	94	76	85	NA	NA	NA	.26
06/11	90	-2	68	4	79	1	.05	88	76	82	NA	NA	NA	.22
06/12	84	-8	65	1	75	-3	1.26	84	75	80	NA	NA	NA	.19
06/13	86	-6	53	-11	70	-8	.34	86	71	79	NA	NA	NA	.24
06/14	82	-10	55	-10	69	-10	.00	86	69	78	NA	NA	NA	.21
06/15	83	-9	59	-6	71	-8	.15	83	69	76	NA	NA	NA	.21
06/16	74	-18	66	1	70	-9	.76	84	74	79	NA	NA	NA	.13
06/17	90	-2	69	4	80	1	.00	87	73	80	NA	NA	NA	.22
06/18	88	-5	69	4	79	0	.02	83	76	80	NA	NA	NA	.21
06/19	87	-6	64	-1	76	-3	.16	85	74	80	NA	NA	NA	.22
06/20	84	-9	60	-6	72	-8	.00	84	71	78	NA	NA	NA	.21
06/21	86	-7	60	-6	73	-7	.00	90	71	81	NA	NA	NA	.22
06/22	84	-9	61	-5	73	-7	.00	86	73	80	NA	NA	NA	.21
06/23	91	-2	64	-2	78	-2	.00	97	73	85	NA	NA	NA	.24
06/24	92	-1	64	-2	78	-2	.00	99	77	88	NA	NA	NA	.25
06/25	92	-1	62	-4	77	-3	.99	97	76	87	NA	NA	NA	.25
06/26	94	1	69	3	82	2	.05	103	76	90	NA	NA	NA	.24
06/27	92	-1	64	-3	78	-2	Trace	90	75	83	NA	NA	NA	.25
06/28	93	0	66	-1	80	0	.00	94	75	85	NA	NA	NA	.25
06/29	91	-2	67	0	79	-1	.00	96	75	86	NA	NA	NA	.23
06/30	87	-6	65	-2	76	-4	.00	94	78	86	NA	NA	NA	.21

AIR TEMPERATURES:
Mean Maximum= 91.0 Mean Minimum= 64.8 Average= 77.9
DFN= -1.1 DFN= +.1 DFN= -.5
Highest= 104 Lowest= 53

PRECIPITATION STATISTICS:
Total= 4.49 DFN= -1.41 Greatest Daily= 1.26 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .24

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in
inches, vegetative wetting is in hours and solar energy is in Watts per
square meter. PET is the estimated potential evaportanspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
07/ 1	88	-5	60	-7	74	-6	.00	94	76	85	NA	NA	NA	.23
07/ 2	89	-4	63	-4	76	-4	.53	95	75	85	NA	NA	NA	.23
07/ 3	89	-4	65	-2	77	-3	.00	88	75	82	NA	NA	NA	.22
07/ 4	93	0	67	-1	80	-1	.00	94	75	85	NA	NA	NA	.24
07/ 5	89	-4	65	-3	77	-4	.00	93	77	85	NA	NA	NA	.22
07/ 6	83	-10	65	-3	74	-7	.41	83	75	79	NA	NA	NA	.19
07/ 7	81	-12	67	-1	74	-7	1.22	82	75	79	NA	NA	NA	.17
07/ 8	80	-13	63	-5	72	-9	.04	81	73	77	NA	NA	NA	.17
07/ 9	90	-3	64	-4	77	-4	Trace	87	73	80	NA	NA	NA	.23
07/10	94	1	67	-1	81	0	.00	94	78	86	NA	NA	NA	.25
07/11	95	2	68	0	82	1	.00	98	78	88	NA	NA	NA	.25
07/12	95	2	67	-1	81	0	.10	96	78	87	NA	NA	NA	.26
07/13	94	1	68	0	81	0	.12	96	78	87	NA	NA	NA	.25
07/14	93	0	66	-2	80	-1	.00	96	78	87	NA	NA	NA	.25
07/15	92	-1	68	0	80	-1	.00	99	78	89	NA	NA	NA	.23
07/16	90	-3	65	-3	78	-3	.11	94	76	85	NA	NA	NA	.23
07/17	92	-1	66	-2	79	-2	1.68	94	76	85	NA	NA	NA	.24
07/18	90	-3	68	0	79	-2	.32	92	77	85	NA	NA	NA	.22
07/19	91	-2	69	0	80	-1	.08	91	78	85	NA	NA	NA	.22
07/20	88	-5	68	-1	78	-3	.04	89	78	84	NA	NA	NA	.21
07/21	93	0	69	0	81	0	.00	92	78	85	NA	NA	NA	.23
07/22	94	1	70	1	82	1	.00	93	79	86	NA	NA	NA	.24
07/23	92	-1	66	-3	79	-2	2.00	94	77	86	NA	NA	NA	.24
07/24	91	-2	68	-1	80	-1	.14	92	77	85	NA	NA	NA	.22
07/25	86	-7	69	1	78	-3	.44	86	77	82	NA	NA	NA	.19
07/26	78	-15	69	1	74	-7	.53	78	76	77	NA	NA	NA	.14
07/27	84	-9	69	1	77	-4	1.04	82	76	79	NA	NA	NA	.18
07/28	87	-6	70	2	79	-2	.61	84	76	80	NA	NA	NA	.19
07/29	88	-5	68	0	78	-3	.12	86	76	81	NA	NA	NA	.20
07/30	89	-4	69	1	79	-2	.35	89	76	83	NA	NA	NA	.21
07/31	91	-2	69	1	80	-1	.02	92	78	85	NA	NA	NA	.22

AIR TEMPERATURES:
Mean Maximum= 89.3 Mean Minimum= 66.9 Average= 78.1
DFN= -3.7 DFN= -1.2 DFN= -2.4
Highest= 95 Lowest= 60

PRECIPITATION STATISTICS:
Total= 9.90 DFN= +2.96 Greatest Daily= 2.00 Rain Days= 20

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .22

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
08/ 1	93	0	69	1	81	0	.00	92	78	85	NA	NA	NA	.23
08/ 2	94	1	70	2	82	1	.00	94	78	86	NA	NA	NA	.23
08/ 3	94	1	70	2	82	1	Trace	94	79	87	NA	NA	NA	.23
08/ 4	87	-6	68	0	78	-3	.00	92	77	85	NA	NA	NA	.20
08/ 5	89	-4	68	0	79	-2	.00	96	77	87	NA	NA	NA	.21
08/ 6	90	-3	68	0	79	-2	.00	97	79	88	NA	NA	NA	.21
08/ 7	91	-2	69	1	80	-1	.00	95	79	87	NA	NA	NA	.22
08/ 8	88	-5	70	2	79	-2	.35	91	79	85	NA	NA	NA	.19
08/ 9	90	-3	67	-1	79	-2	Trace	92	77	85	NA	NA	NA	.22
08/10	93	0	68	0	81	0	.00	95	77	86	NA	NA	NA	.23
08/11	93	0	68	0	81	0	.00	98	79	89	NA	NA	NA	.23
08/12	95	2	66	-2	81	0	.57	99	77	88	NA	NA	NA	.25
08/13	93	0	67	0	80	0	.00	94	77	86	NA	NA	NA	.23
08/14	94	1	69	2	82	2	.00	95	73	84	NA	NA	NA	.23
08/15	90	-3	68	1	79	-1	.36	95	76	86	NA	NA	NA	.21
08/16	90	-3	69	2	80	0	.18	90	76	83	NA	NA	NA	.21
08/17	90	-3	71	4	81	1	.06	90	77	84	NA	NA	NA	.20
08/18	92	-1	68	1	80	0	.00	95	78	87	NA	NA	NA	.22
08/19	94	1	66	-1	80	0	.00	100	78	89	NA	NA	NA	.24
08/20	95	3	67	0	81	1	.00	100	79	90	NA	NA	NA	.24
08/21	96	4	67	0	82	2	Trace	100	80	90	NA	NA	NA	.25
08/22	95	3	65	-2	80	0	.00	100	80	90	NA	NA	NA	.25
08/23	95	3	66	-1	81	1	.00	103	81	92	NA	NA	NA	.24
08/24	96	4	67	0	82	2	.00	101	81	91	NA	NA	NA	.25
08/25	94	2	68	1	81	1	1.03	98	79	89	NA	NA	NA	.23
08/26	86	-6	65	-2	76	-4	.40	87	76	82	NA	NA	NA	.19
08/27	78	-14	65	-2	72	-8	.29	79	75	77	NA	NA	NA	.14
08/28	85	-7	67	0	76	-4	.00	83	75	79	NA	NA	NA	.17
08/29	85	-6	69	2	77	-2	.13	83	75	79	NA	NA	NA	.17
08/30	90	-1	68	1	79	0	.00	87	74	81	NA	NA	NA	.20
08/31	85	-6	67	0	76	-3	.00	84	78	81	NA	NA	NA	.17

AIR TEMPERATURES:
Mean Maximum= 91.0 Mean Minimum= 67.7 Average= 79.4
DFN= -1.5 DFN= +.4 DFN= -.6
Highest= 96 Lowest= 65

PRECIPITATION STATISTICS:
Total= 3.37 DFN= -2.14 Greatest Daily= 1.03 Rain Days= 9

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .22

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
03/ 1	90	-1	69	2	80	1	.00	91	74	83	NA	NA	NA	.20
09/ 2	88	-3	71	4	80	1	.12	88	74	81	NA	NA	NA	.18
09/ 3	83	-8	69	2	76	-3	.13	81	76	79	NA	NA	NA	.15
09/ 4	91	0	67	0	79	0	.00	90	75	83	NA	NA	NA	.21
09/ 5	92	2	67	1	80	2	.00	95	77	86	NA	NA	NA	.21
09/ 6	93	3	65	-1	79	1	.64	95	75	85	NA	NA	NA	.23
09/ 7	92	2	66	0	79	1	.00	90	75	83	NA	NA	NA	.22
09/ 8	93	3	66	0	80	2	.22	93	75	84	NA	NA	NA	.22
09/ 9	91	1	64	-2	78	0	.04	91	74	83	NA	NA	NA	.21
09/10	92	2	64	-2	78	0	.00	92	74	83	NA	NA	NA	.22
09/11	94	5	65	0	80	3	.00	97	75	86	NA	NA	NA	.23
09/12	94	5	66	1	80	3	.00	95	77	86	NA	NA	NA	.23
09/13	94	5	66	1	80	3	.00	97	78	88	NA	NA	NA	.22
09/14	88	-1	60	-5	74	-3	.19	91	69	80	NA	NA	NA	.20
09/15	78	-11	47	-17	63	-14	.00	83	64	74	NA	NA	NA	.18
09/16	83	-5	50	-14	67	-9	.00	84	64	74	NA	NA	NA	.20
09/17	85	-3	55	-9	70	-6	.00	92	69	81	NA	NA	NA	.20
09/18	86	-2	56	-7	71	-5	.00	91	69	80	NA	NA	NA	.20
09/19	87	-1	56	-7	72	-4	.00	90	71	81	NA	NA	NA	.21
09/20	87	0	56	-7	72	-3	.00	91	74	83	NA	NA	NA	.21
09/21	89	2	59	-3	74	-1	.00	91	73	82	NA	NA	NA	.21
09/22	89	2	61	-1	75	0	.00	92	72	82	NA	NA	NA	.20
09/23	86	-1	66	5	76	2	.35	86	75	81	NA	NA	NA	.17
09/24	78	-9	66	5	72	-2	2.41	77	74	76	NA	NA	NA	.12
09/25	83	-3	61	1	72	-1	.00	81	71	76	NA	NA	NA	.16
09/26	86	0	62	2	74	1	.00	84	70	77	NA	NA	NA	.18
09/27	83	-3	50	-9	67	-6	.00	83	65	74	NA	NA	NA	.20
09/28	75	-10	42	-17	59	-13	.00	82	61	72	NA	NA	NA	.17
09/29	81	-4	44	-14	63	-9	.00	84	61	73	NA	NA	NA	.20
09/30	85	0	60	2	73	1	.00	84	65	75	NA	NA	NA	.17

AIR TEMPERATURES:
Mean Maximum= 87.2 Mean Minimum= 60.5 Average= 73.9
DFN= -1.1 DFN= -3.0 DFN= -2.0
Highest= 94 Lowest= 42

PRECIPITATION STATISTICS:
Total= 4.10 DFN= -.92 Greatest Daily= 2.41 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .20

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

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SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: BREWTON 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	87	2	64	7	76	5	.04	85	70	78	NA	NA	NA	.17
10/ 2	77	-7	53	-4	65	-6	.15	78	65	72	NA	NA	NA	.14
10/ 3	74	-10	54	-2	64	-6	.00	75	65	70	NA	NA	NA	.12
10/ 4	81	-3	59	3	70	0	Trace	80	68	74	NA	NA	NA	.15
10/ 5	87	4	59	4	73	4	.00	85	69	77	NA	NA	NA	.19
10/ 6	75	-8	36	-18	56	-13	.00	83	59	71	NA	NA	NA	.18
10/ 7	71	-12	36	-18	54	-15	.00	79	58	69	NA	NA	NA	.16
10/ 8	71	-11	37	-16	54	-14	.00	72	58	65	NA	NA	NA	.15
10/ 9	82	0	51	-2	67	-1	.00	82	61	72	NA	NA	NA	.18
10/10	84	2	54	2	69	2	.00	82	68	75	NA	NA	NA	.18
10/11	85	3	54	2	70	3	.00	87	67	77	NA	NA	NA	.18
10/12	87	6	54	3	71	5	.00	84	67	76	NA	NA	NA	.20
10/13	90	9	55	4	73	7	.00	87	68	78	NA	NA	NA	.21
10/14	89	8	61	10	75	9	.00	87	72	80	NA	NA	NA	.19
10/15	88	8	62	12	75	10	.00	90	73	82	NA	NA	NA	.18
10/16	89	9	64	14	77	12	.05	87	74	81	NA	NA	NA	.17
10/17	85	5	63	14	74	9	.00	85	73	79	NA	NA	NA	.15
10/18	88	9	64	15	76	12	.02	87	73	80	NA	NA	NA	.17
10/19	80	1	62	14	71	7	.00	82	71	77	NA	NA	NA	.12
10/20	80	1	60	12	70	6	.00	80	70	75	NA	NA	NA	.13
10/21	88	10	59	11	74	11	.02	87	70	79	NA	NA	NA	.18
10/22	86	8	59	12	73	10	.00	86	71	79	NA	NA	NA	.17
10/23	87	9	62	15	75	12	.00	87	73	80	NA	NA	NA	.16
10/24	86	9	63	16	75	13	.00	87	72	80	NA	NA	NA	.15
10/25	83	6	61	15	72	10	.00	85	70	78	NA	NA	NA	.14
10/26	82	5	61	15	72	10	.00	83	70	77	NA	NA	NA	.13
10/27	81	5	56	10	69	8	.40	81	66	74	NA	NA	NA	.14
10/28	73	-3	56	11	65	4	.84	70	66	68	NA	NA	NA	.09
10/29	78	2	66	21	72	11	5.30	73	69	71	NA	NA	NA	.09
10/30	77	2	57	12	67	7	.87	73	65	69	NA	NA	NA	.11
10/31	68	-7	59	14	64	4	.97	67	65	66	NA	NA	NA	.05

AIR TEMPERATURES:
Mean Maximum= 81.9 Mean Minimum= 56.8 Average= 69.4
DFN= +2.0 DFN= +6.7 DFN= +4.4
Highest= 90 Lowest= 36

PRECIPITATION STATISTICS:
Total= 8.66 DFN= +5.74 Greatest Daily= 5.30 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .15

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

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Daily Weather Observations for: BREWTON 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	71	-4	56	12	64	4	.87	70	64	67	NA	NA	NA	.07
11/ 2	66	-8	51	7	59	0	.00	66	61	64	NA	NA	NA	.06
11/ 3	64	-10	53	9	59	0	.54	65	61	63	NA	NA	NA	.04
11/ 4	63	-10	40	-4	52	-7	Trace	65	52	59	NA	NA	NA	.07
11/ 5	61	-12	34	-10	48	-11	.00	64	49	57	NA	NA	NA	.08
11/ 6	63	-10	29	-14	46	-12	.00	64	47	56	NA	NA	NA	.10
11/ 7	71	-1	31	-12	51	-7	.00	66	47	57	NA	NA	NA	.15
11/ 8	77	5	36	-7	57	-1	.00	67	50	59	NA	NA	NA	.17
11/ 9	69	-3	38	-5	54	-4	.00	67	50	59	NA	NA	NA	.11
11/10	76	4	43	1	60	3	.00	69	49	59	NA	NA	NA	.14
11/11	82	11	52	10	67	10	.11	77	57	67	NA	NA	NA	.15
11/12	82	11	55	13	69	12	.00	77	59	68	NA	NA	NA	.14
11/13	82	11	58	16	70	13	.00	79	64	72	NA	NA	NA	.13
11/14	82	12	61	19	72	16	.00	78	65	72	NA	NA	NA	.12
11/15	82	12	63	22	73	17	.00	79	67	73	NA	NA	NA	.11
11/16	83	13	64	23	74	18	.00	82	68	75	NA	NA	NA	.11
11/17	82	13	61	20	72	17	.00	80	68	74	NA	NA	NA	.12
11/18	83	14	57	16	70	15	.00	79	64	72	NA	NA	NA	.13
11/19	83	14	58	17	71	16	.00	77	64	71	NA	NA	NA	.13
11/20	80	11	60	19	70	15	.00	79	64	72	NA	NA	NA	.11
11/21	77	9	61	21	69	15	.25	72	66	69	NA	NA	NA	.08
11/22	69	1	55	15	62	8	.57	67	62	65	NA	NA	NA	.05
11/23	68	0	47	7	58	4	.00	70	59	65	NA	NA	NA	.07
11/24	76	8	47	7	62	8	.00	73	57	65	NA	NA	NA	.12
11/25	76	8	48	8	62	8	.00	73	58	66	NA	NA	NA	.12
11/26	79	12	61	21	70	16	.00	74	63	69	NA	NA	NA	.09
11/27	80	13	67	27	74	20	Trace	74	69	72	NA	NA	NA	.08
11/28	82	15	67	28	75	22	.00	76	68	72	NA	NA	NA	.09
11/29	81	14	65	26	73	20	.35	77	68	73	NA	NA	NA	.09
11/30	73	7	63	24	68	15	1.67	71	68	70	NA	NA	NA	.05

AIR TEMPERATURES:
Mean Maximum= 75.4 Mean Minimum= 52.7 Average= 64.1
DFN= +5.3 DFN= +11.2 DFN= +8.3
Highest= 83 Lowest= 29

PRECIPITATION STATISTICS:
Total= 4.36 DFN= +.31 Greatest Daily= 1.67 Rain Days= 7

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .10

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	72	6	63	24	68	15	.02	73	68	71	NA	NA	NA	.04
12/ 2	79	13	38	-1	59	6	.53	73	54	64	NA	NA	NA	.16
12/ 3	53	-13	30	-9	42	-11	.00	60	44	52	NA	NA	NA	.02
12/ 4	54	-12	30	-9	42	-11	.00	57	44	51	NA	NA	NA	.03
12/ 5	62	-4	31	-8	47	-6	.00	59	44	52	NA	NA	NA	.08
12/ 6	62	-3	36	-3	49	-3	Trace	61	46	54	NA	NA	NA	.06
12/ 7	58	-7	28	-10	43	-9	.00	58	42	50	NA	NA	NA	.06
12/ 8	62	-3	29	-9	46	-6	.00	58	42	50	NA	NA	NA	.08
12/ 9	71	6	43	5	57	5	.00	63	48	56	NA	NA	NA	.09
12/10	72	7	47	9	60	8	.00	65	53	59	NA	NA	NA	.09
12/11	76	11	49	11	63	11	.00	68	53	61	NA	NA	NA	.11
12/12	79	15	63	25	71	20	1.19	70	60	65	NA	NA	NA	.08
12/13	70	6	62	24	66	15	1.63	67	65	66	NA	NA	NA	.03
12/14	64	0	29	-9	47	-4	.02	65	45	55	NA	NA	NA	.09
12/15	40	-24	19	-19	30	-21	.00	51	40	46	NA	NA	NA	.00
12/16	48	-16	21	-17	35	-16	.00	51	39	45	NA	NA	NA	.02
12/17	56	-8	22	-16	39	-12	.00	53	39	46	NA	NA	NA	.06
12/18	58	-6	28	-10	43	-8	.00	53	40	47	NA	NA	NA	.06
12/19	55	-8	26	-12	41	-10	.00	52	41	47	NA	NA	NA	.05
12/20	47	-16	23	-14	35	-15	.00	50	40	45	NA	NA	NA	.00
12/21	55	-8	24	-13	40	-10	.00	52	39	46	NA	NA	NA	.05
12/22	47	-16	22	-15	35	-15	.00	50	38	44	NA	NA	NA	.01
12/23	60	-3	23	-14	42	-8	.00	57	38	48	NA	NA	NA	.09
12/24	67	4	44	7	56	6	.00	56	46	51	NA	NA	NA	.06
12/25	66	3	27	-10	47	-3	.00	62	41	52	NA	NA	NA	.11
12/26	35	-28	13	-24	24	-26	.00	48	35	42	NA	NA	NA	.00
12/27	42	-21	13	-24	28	-22	.00	46	35	41	NA	NA	NA	.00
12/28	58	-5	34	-3	46	-4	.25	48	40	44	NA	NA	NA	.04
12/29	48	-14	37	0	43	-7	.49	48	47	48	NA	NA	NA	.00
12/30	60	-2	25	-12	43	-7	.00	56	40	48	NA	NA	NA	.08
12/31	63	1	26	-11	45	-5	.00	56	38	47	NA	NA	NA	.10

AIR TEMPERATURES:
Mean Maximum= 59.3 Mean Minimum= 32.4 Average= 45.9
DFN= -4.7 DFN= -5.4 DFN= -5.0
Highest= 79 Lowest= 13

PRECIPITATION STATISTICS:
Total= 4.13 DFN= -1.47 Greatest Daily= 1.63 Rain Days= 7

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .06

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

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Daily Weather Observations for: CAMDEN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
01/ 1	77	20	60	25	69	23	.19	69	64	67	NA	NA	NA	.08
01/ 2	72	15	43	8	58	12	.54	68	58	63	NA	NA	NA	.10
01/ 3	46	-11	38	3	42	-4	.23	58	54	56	NA	NA	NA	.00
01/ 4	42	-15	28	-6	35	-11	.00	54	48	51	NA	NA	NA	.00
01/ 5	32	-25	24	-10	28	-18	.00	48	45	47	NA	NA	NA	.00
01/ 6	49	-8	25	-9	37	-9	.00	52	45	49	NA	NA	NA	.01
01/ 7	54	-3	26	-8	40	-6	.00	53	45	49	NA	NA	NA	.04
01/ 8	59	2	31	-3	45	-1	.00	56	46	51	NA	NA	NA	.06
01/ 9	52	-5	27	-7	40	-6	.00	54	45	50	NA	NA	NA	.02
01/10	55	-2	29	-5	42	-4	.00	54	45	50	NA	NA	NA	.04
01/11	69	12	39	5	54	8	.02	56	47	52	NA	NA	NA	.09
01/12	40	-16	28	-6	34	-11	.00	51	44	48	NA	NA	NA	.00
01/13	38	-18	25	-9	32	-13	.00	49	43	46	NA	NA	NA	.00
01/14	43	-13	25	-9	34	-11	.00	49	43	46	NA	NA	NA	.00
01/15	56	0	29	-5	43	-2	.00	52	44	48	NA	NA	NA	.05
01/16	46	-11	24	-10	35	-11	.00	51	43	47	NA	NA	NA	.00
01/17	54	-3	27	-7	41	-5	1.28	50	43	47	NA	NA	NA	.04
01/18	44	-13	27	-7	36	-10	.00	49	44	47	NA	NA	NA	.00
01/19	58	1	28	-6	43	-3	.00	56	44	50	NA	NA	NA	.06
01/20	60	3	17	-17	39	-7	.00	52	42	47	NA	NA	NA	.11
01/21	20	-37	0	-34	10	-36	.00	43	35	39	NA	NA	NA	.00
01/22	24	-33	0	-34	12	-34	.00	35	35	35	NA	NA	NA	.00
01/23	37	-20	15	-19	26	-20	.00	40	35	38	NA	NA	NA	.00
01/24	50	-7	23	-11	37	-9	.00	45	37	41	NA	NA	NA	.03
01/25	50	-7	35	1	43	-3	.02	45	40	43	NA	NA	NA	.00
01/26	62	5	18	-17	40	-6	.00	50	40	45	NA	NA	NA	.12
01/27	40	-17	18	-17	29	-17	.00	50	40	45	NA	NA	NA	.00
01/28	50	-8	23	-12	37	-10	.52	51	39	45	NA	NA	NA	.03
01/29	43	-15	28	-7	36	-11	.00	46	42	44	NA	NA	NA	.00
01/30	54	-4	28	-7	41	-6	.14	51	42	47	NA	NA	NA	.04
01/31	66	8	43	8	55	8	.08	54	42	48	NA	NA	NA	.07

AIR TEMPERATURES:
Mean Maximum= 49.7 Mean Minimum= 26.8 Average= 38.3
DFN= -7.3 DFN= -7.5 DFN= -7.4
Highest= 77 Lowest= 0

PRECIPITATION STATISTICS:
Total= 3.02 DFN= -1.90 Greatest Daily= 1.28 Rain Days= 9

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .03

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
02/ 1	76	18	34	-1	55	8	.03	62	51	57	NA	NA	NA	.17
02/ 2	40	-18	25	-10	33	-14	.99	51	46	49	NA	NA	NA	.00
02/ 3	30	-29	23	-12	27	-20	.00	52	41	47	NA	NA	NA	.00
02/ 4	32	-27	23	-12	28	-19	.00	43	39	41	NA	NA	NA	.00
02/ 5	55	-4	26	-9	41	-6	1.08	50	39	45	NA	NA	NA	.06
02/ 6	55	-4	26	-9	41	-6	1.00	50	39	45	NA	NA	NA	.06
02/ 7	40	-19	28	-8	34	-14	.00	48	42	45	NA	NA	NA	.00
02/ 8	46	-14	25	-11	36	-12	.00	50	40	45	NA	NA	NA	.01
02/ 9	48	-12	24	-12	36	-12	.00	50	39	45	NA	NA	NA	.03
02/10	58	-2	25	-11	42	-6	.00	51	39	45	NA	NA	NA	.09
02/11	65	5	32	-4	49	1	.33	53	41	47	NA	NA	NA	.11
02/12	56	-4	30	-6	43	-5	.04	51	41	46	NA	NA	NA	.06
02/13	46	-15	26	-10	36	-13	.00	50	38	44	NA	NA	NA	.01
02/14	53	-8	27	-10	40	-9	.00	50	38	44	NA	NA	NA	.05
02/15	52	-9	27	-10	40	-9	.00	48	41	45	NA	NA	NA	.05
02/16	50	-11	21	-16	36	-13	.00	50	39	45	NA	NA	NA	.05
02/17	56	-6	23	-14	40	-10	.00	52	39	46	NA	NA	NA	.09
02/18	67	5	33	-4	50	0	.00	55	39	47	NA	NA	NA	.12
02/19	72	10	43	6	58	8	.00	67	41	54	NA	NA	NA	.13
02/20	60	-2	41	3	51	1	.00	56	49	53	NA	NA	NA	.06
02/21	71	8	42	4	57	6	.00	62	49	56	NA	NA	NA	.12
02/22	75	12	45	7	60	9	.00	62	49	56	NA	NA	NA	.14
02/23	79	16	53	15	66	15	.00	62	58	60	NA	NA	NA	.14
02/24	80	17	58	20	69	18	.00	65	51	58	NA	NA	NA	.13
02/25	62	-2	56	17	59	7	.59	62	58	60	NA	NA	NA	.03
02/26	59	-5	56	17	58	6	1.01	59	58	59	NA	NA	NA	.01
02/27	63	-1	54	15	59	7	.01	63	58	61	NA	NA	NA	.04
02/28	61	-3	39	0	50	-2	.02	61	52	57	NA	NA	NA	.08

AIR TEMPERATURES:
Mean Maximum= 57.4 Mean Minimum= 34.5 Average= 45.9
DFN= -3.7 DFN= -2.3 DFN= -3.0
Highest= 80 Lowest= 21

PRECIPITATION STATISTICS:
Total= 5.10 DFN= +.14 Greatest Daily= 1.08 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .07

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
03/ 1	65	0	41	1	53	0	.52	64	52	58	NA	NA	NA	.10
03/ 2	57	-8	43	3	50	-3	.46	56	54	55	NA	NA	NA	.04
03/ 3	59	-6	47	7	53	0	.00	64	53	59	NA	NA	NA	.04
03/ 4	77	12	47	7	62	9	.00	68	53	61	NA	NA	NA	.16
03/ 5	78	12	50	9	64	10	.16	67	57	62	NA	NA	NA	.15
03/ 6	56	-10	41	0	49	-5	.00	66	52	59	NA	NA	NA	.04
03/ 7	68	2	41	0	55	1	.00	66	52	59	NA	NA	NA	.12
03/ 8	75	9	49	8	62	8	.00	66	52	59	NA	NA	NA	.14
03/ 9	79	12	54	12	67	12	.00	67	55	61	NA	NA	NA	.15
03/10	80	13	51	9	66	11	.00	70	56	63	NA	NA	NA	.17
03/11	79	12	54	12	67	12	.00	72	56	64	NA	NA	NA	.15
03/12	83	15	62	19	73	17	.00	74	61	68	NA	NA	NA	.15
03/13	72	4	48	5	60	4	.00	69	59	64	NA	NA	NA	.13
03/14	77	9	52	9	65	9	.00	71	60	66	NA	NA	NA	.15
03/15	81	12	48	5	65	9	.00	73	60	67	NA	NA	NA	.19
03/16	70	1	49	5	60	3	.03	71	60	66	NA	NA	NA	.11
03/17	57	-12	49	5	53	-4	.07	61	58	60	NA	NA	NA	.03
03/18	68	-1	37	-7	53	-4	.00	68	53	61	NA	NA	NA	.14
03/19	64	-6	35	-9	50	-7	.00	68	52	60	NA	NA	NA	.12
03/20	72	2	40	-5	56	-2	.00	69	52	61	NA	NA	NA	.16
03/21	73	3	43	-2	58	0	.23	67	53	60	NA	NA	NA	.16
03/22	71	0	55	10	63	5	.08	68	57	63	NA	NA	NA	.11
03/23	66	-5	44	-2	55	-4	.00	65	55	60	NA	NA	NA	.11
03/24	74	3	47	1	61	2	.52	69	55	62	NA	NA	NA	.15
03/25	75	3	42	-4	59	0	.00	70	56	63	NA	NA	NA	.18
03/26	74	2	41	-6	58	-2	.00	71	55	63	NA	NA	NA	.17
03/27	80	8	46	-1	63	3	.00	73	55	64	NA	NA	NA	.20
03/28	74	1	53	6	64	4	.05	67	58	63	NA	NA	NA	.14
03/29	85	12	64	17	75	15	.00	76	62	69	NA	NA	NA	.17
03/30	86	13	63	15	75	14	.00	80	66	73	NA	NA	NA	.18
03/31	86	13	59	11	73	12	.23	80	60	70	NA	NA	NA	.20

AIR TEMPERATURES:
Mean Maximum= 72.9 Mean Minimum= 48.2 Average= 60.6
DFN= +4.0 DFN= +4.5 DFN= +4.3
Highest= 86 Lowest= 35

PRECIPITATION STATISTICS:
Total= 2.35 DFN= -4.90 Greatest Daily= .52 Rain Days= 10

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

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
04/ 1	65	-9	38	-10	52	-9	.00	80	66	73	NA	NA	NA	.13
04/ 2	71	-3	43	-6	57	-5	.14	73	57	65	NA	NA	NA	.15
04/ 3	65	-9	36	-13	51	-11	.01	71	55	63	NA	NA	NA	.14
04/ 4	81	6	46	-3	64	2	.00	74	55	65	NA	NA	NA	.21
04/ 5	82	7	58	8	70	7	.00	74	59	67	NA	NA	NA	.18
04/ 6	75	0	42	-8	59	-4	.54	71	58	65	NA	NA	NA	.18
04/ 7	74	-2	47	-3	61	-2	.00	75	58	67	NA	NA	NA	.16
04/ 8	80	4	45	-5	63	0	.00	79	60	70	NA	NA	NA	.21
04/ 9	67	-9	39	-12	53	-11	.00	77	58	68	NA	NA	NA	.15
04/10	66	-11	36	-15	51	-13	.00	77	57	67	NA	NA	NA	.15
04/11	75	-2	42	-9	59	-5	.00	78	57	68	NA	NA	NA	.19
04/12	78	1	46	-6	62	-3	.00	74	59	67	NA	NA	NA	.19
04/13	79	2	56	4	68	3	.00	77	64	71	NA	NA	NA	.17
04/14	76	-2	56	4	66	1	.00	73	63	68	NA	NA	NA	.15
04/15	78	0	58	6	68	3	.66	76	63	70	NA	NA	NA	.16
04/16	73	-5	51	-2	62	-4	.50	74	63	69	NA	NA	NA	.15
04/17	75	-3	50	-3	63	-3	.00	80	63	72	NA	NA	NA	.17
04/18	84	6	56	3	70	4	.00	77	63	70	NA	NA	NA	.20
04/19	86	7	56	2	71	4	.00	81	66	74	NA	NA	NA	.22
04/20	87	8	59	5	73	6	.00	88	66	77	NA	NA	NA	.22
04/21	86	7	58	4	72	5	.00	87	66	77	NA	NA	NA	.21
04/22	88	9	58	4	73	6	.00	87	67	77	NA	NA	NA	.23
04/23	87	7	63	8	75	7	.00	87	69	78	NA	NA	NA	.20
04/24	87	7	62	7	75	7	.67	89	72	81	NA	NA	NA	.21
04/25	79	-1	58	3	69	1	1.72	82	69	76	NA	NA	NA	.17
04/26	80	0	62	7	71	3	.00	81	69	75	NA	NA	NA	.16
04/27	83	3	67	11	75	7	.01	80	71	76	NA	NA	NA	.17
04/28	84	4	69	13	77	9	.00	80	71	76	NA	NA	NA	.17
04/29	87	6	64	8	76	7	.00	84	71	78	NA	NA	NA	.20
04/30	88	7	64	8	76	7	.00	89	71	80	NA	NA	NA	.21

AIR TEMPERATURES:
Mean Maximum= 78.9 Mean Minimum= 52.8 Average= 65.8
DFN= +1.2 DFN= +.3 DFN= +.8
Highest= 88 Lowest= 36

PRECIPITATION STATISTICS:
Total= 4.25 DFN= -.95 Greatest Daily= 1.72 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .18

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
05/ 1	84	3	66	10	75	6	.01	86	73	80	NA	NA	NA	.18
05/ 2	79	-2	67	10	73	4	.52	79	73	76	NA	NA	NA	.15
05/ 3	85	4	61	4	73	4	.13	86	72	79	NA	NA	NA	.20
05/ 4	70	-11	55	-2	63	-6	.00	73	68	71	NA	NA	NA	.13
05/ 5	80	-2	56	-1	68	-2	.00	82	67	75	NA	NA	NA	.19
05/ 6	83	1	56	-2	70	0	.00	88	67	78	NA	NA	NA	.21
05/ 7	87	5	65	7	76	6	.00	90	71	81	NA	NA	NA	.20
05/ 8	87	5	66	8	77	7	.05	87	74	81	NA	NA	NA	.20
05/ 9	84	2	62	4	73	3	1.01	85	72	79	NA	NA	NA	.20
05/10	77	-5	63	4	70	-1	.67	82	72	77	NA	NA	NA	.15
05/11	77	-6	63	4	70	-1	.16	79	71	75	NA	NA	NA	.15
05/12	85	2	66	7	76	5	.00	84	72	78	NA	NA	NA	.19
05/13	88	5	66	7	77	6	.00	86	71	79	NA	NA	NA	.21
05/14	89	6	66	6	78	6	.00	90	74	82	NA	NA	NA	.22
05/15	88	5	65	5	77	5	.00	90	76	83	NA	NA	NA	.21
05/16	85	1	56	-4	71	-1	.00	93	73	83	NA	NA	NA	.22
05/17	86	2	58	-2	72	0	.00	92	73	83	NA	NA	NA	.22
05/18	76	-8	54	-6	65	-7	.00	83	70	77	NA	NA	NA	.17
05/19	78	-6	56	-5	67	-6	.00	88	70	79	NA	NA	NA	.18
05/20	85	1	59	-2	72	-1	.00	90	72	81	NA	NA	NA	.21
05/21	85	0	64	3	75	2	.00	88	74	81	NA	NA	NA	.20
05/22	89	4	62	1	76	3	.29	88	74	81	NA	NA	NA	.23
05/23	86	1	65	3	76	2	.00	84	74	79	NA	NA	NA	.20
05/24	75	-10	58	-4	67	-7	.00	79	71	75	NA	NA	NA	.16
05/25	89	3	52	-10	71	-3	.00	87	71	79	NA	NA	NA	.26
05/26	84	-2	54	-8	69	-5	.00	90	71	81	NA	NA	NA	.23
05/27	86	0	55	-8	71	-4	.00	92	71	82	NA	NA	NA	.24
05/28	89	3	61	-2	75	0	.00	90	74	82	NA	NA	NA	.24
05/29	88	2	66	3	77	2	.00	90	75	83	NA	NA	NA	.21
05/30	88	1	69	6	79	4	.00	91	72	82	NA	NA	NA	.20
05/31	90	3	70	6	80	4	.00	91	78	85	NA	NA	NA	.21

AIR TEMPERATURES:
Mean Maximum= 83.9 Mean Minimum= 61.4 Average= 72.6
DFN= +.2 DFN= +1.4 DFN= +.8
Highest= 90 Lowest= 52

PRECIPITATION STATISTICS:
Total= 2.84 DFN= -1.64 Greatest Daily= 1.01 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .20

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
06/ 1	94	7	71	7	83	7	.00	95	79	87	NA	NA	NA	.24
06/ 2	95	8	72	8	84	8	.00	97	78	88	NA	NA	NA	.24
06/ 3	95	7	72	8	84	8	.00	97	78	88	NA	NA	NA	.24
06/ 4	97	9	69	4	83	6	.00	99	81	90	NA	NA	NA	.26
06/ 5	100	12	72	7	86	9	.00	100	81	91	NA	NA	NA	.27
06/ 6	101	13	72	7	87	10	.00	100	82	91	NA	NA	NA	.28
06/ 7	102	13	73	8	88	11	.00	101	83	92	NA	NA	NA	.28
06/ 8	99	10	68	3	84	7	.37	99	80	90	NA	NA	NA	.28
06/ 9	93	4	70	4	82	4	.00	99	80	90	NA	NA	NA	.23
06/10	95	6	68	2	82	4	.06	99	79	89	NA	NA	NA	.25
06/11	90	1	70	4	80	2	.01	90	79	85	NA	NA	NA	.22
06/12	89	0	67	1	78	0	.71	85	76	81	NA	NA	NA	.22
06/13	89	-1	57	-9	73	-5	.00	87	73	80	NA	NA	NA	.25
06/14	82	-8	57	-10	70	-9	.00	88	73	81	NA	NA	NA	.21
06/15	86	-4	59	-8	73	-6	.03	93	73	83	NA	NA	NA	.23
06/16	79	-11	68	1	74	-5	.60	82	77	80	NA	NA	NA	.15
06/17	90	0	71	4	81	2	.00	89	77	83	NA	NA	NA	.21
06/18	92	2	68	1	80	1	.00	91	78	85	NA	NA	NA	.24
06/19	88	-2	67	0	78	-1	1.67	87	76	82	NA	NA	NA	.21
06/20	72	-19	60	-7	66	-13	.35	78	72	75	NA	NA	NA	.13
06/21	84	-7	63	-5	74	-6	.00	89	72	81	NA	NA	NA	.20
06/22	88	-3	65	-3	77	-3	.00	88	74	81	NA	NA	NA	.22
06/23	90	-1	66	-2	78	-2	.00	94	75	85	NA	NA	NA	.23
06/24	92	1	68	0	80	0	.00	96	74	85	NA	NA	NA	.24
06/25	93	2	69	1	81	1	.19	98	79	89	NA	NA	NA	.24
06/26	93	2	69	1	81	1	.00	94	79	87	NA	NA	NA	.24
06/27	93	2	69	1	81	1	.00	96	79	88	NA	NA	NA	.24
06/28	90	-1	69	1	80	0	.04	95	80	88	NA	NA	NA	.22
06/29	89	-2	69	0	79	-1	.00	94	80	87	NA	NA	NA	.21
06/30	82	-9	67	-2	75	-5	.00	86	78	82	NA	NA	NA	.17

AIR TEMPERATURES:
Mean Maximum= 90.7 Mean Minimum= 67.5 Average= 79.1
DFN= +1.0 DFN= +.9 DFN= +1.0
Highest= 102 Lowest= 57

PRECIPITATION STATISTICS:
Total= 4.03 DFN= -.09 Greatest Daily= 1.67 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .23

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
07/ 1	85	-6	62	-7	74	-6	.00	92	78	85	NA	NA	NA	.21
07/ 2	87	-4	64	-5	76	-4	.41	93	76	85	NA	NA	NA	.22
07/ 3	82	-9	64	-5	73	-7	.01	84	76	80	NA	NA	NA	.18
07/ 4	92	1	69	0	81	1	.00	91	76	84	NA	NA	NA	.23
07/ 5	90	-1	69	0	80	0	.00	91	75	83	NA	NA	NA	.22
07/ 6	85	-6	67	-2	76	-4	1.23	91	76	84	NA	NA	NA	.19
07/ 7	84	-7	68	-1	76	-4	.09	91	76	84	NA	NA	NA	.18
07/ 8	82	-9	69	0	76	-4	.22	91	75	83	NA	NA	NA	.17
07/ 9	88	-3	70	1	79	-1	.00	88	76	82	NA	NA	NA	.20
07/10	93	2	70	1	82	2	.00	93	77	85	NA	NA	NA	.23
07/11	95	4	72	3	84	4	.00	96	79	88	NA	NA	NA	.24
07/12	95	4	69	0	82	2	.00	98	79	89	NA	NA	NA	.25
07/13	92	0	70	1	81	0	.00	96	81	89	NA	NA	NA	.23
07/14	94	2	70	1	82	1	.00	98	81	90	NA	NA	NA	.24
07/15	94	2	71	1	83	2	.18	97	80	89	NA	NA	NA	.24
07/16	90	-2	70	0	80	-1	.03	89	79	84	NA	NA	NA	.21
07/17	92	0	70	0	81	0	.09	94	79	87	NA	NA	NA	.23
07/18	91	-1	72	2	82	1	.00	96	80	88	NA	NA	NA	.21
07/19	94	2	72	2	83	2	.02	96	81	89	NA	NA	NA	.23
07/20	94	2	70	0	82	1	.23	98	81	90	NA	NA	NA	.24
07/21	93	1	71	1	82	1	.00	98	81	90	NA	NA	NA	.23
07/22	90	-2	72	2	81	0	.00	97	81	89	NA	NA	NA	.21
07/23	91	-1	70	0	81	0	.21	94	80	87	NA	NA	NA	.22
07/24	86	-6	71	1	79	-2	.00	88	80	84	NA	NA	NA	.18
07/25	82	-10	71	1	77	-4	2.23	85	80	83	NA	NA	NA	.16
07/26	86	-6	73	3	80	-1	.02	86	80	83	NA	NA	NA	.18
07/27	89	-3	74	4	82	1	Trace	90	80	85	NA	NA	NA	.19
07/28	89	-3	71	1	80	-1	.84	91	80	86	NA	NA	NA	.20
07/29	87	-5	72	2	80	-1	.00	92	79	86	NA	NA	NA	.18
07/30	87	-5	73	3	80	-1	.02	90	80	85	NA	NA	NA	.18
07/31	89	-3	72	3	81	0	.00	92	80	86	NA	NA	NA	.20

AIR TEMPERATURES:
Mean Maximum= 89.3 Mean Minimum= 69.9 Average= 79.6
DFN= -2.3 DFN= +.4 DFN= -1.0
Highest= 95 Lowest= 62

PRECIPITATION STATISTICS:
Total= 5.83 DFN= +.00 Greatest Daily= 2.23 Rain Days= 15

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .21

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
08/ 1	92	0	73	3	83	2	.00	97	80	89	NA	NA	NA	.21
08/ 2	93	1	71	1	82	1	.13	100	81	91	NA	NA	NA	.22
08/ 3	88	-4	72	2	80	-1	.00	91	81	86	NA	NA	NA	.19
08/ 4	86	-6	67	-2	77	-4	.00	90	79	85	NA	NA	NA	.19
08/ 5	88	-4	66	-3	77	-4	.00	97	79	88	NA	NA	NA	.21
08/ 6	91	-1	67	-2	79	-2	.00	97	79	88	NA	NA	NA	.22
08/ 7	95	3	69	0	82	1	.27	95	81	88	NA	NA	NA	.24
08/ 8	95	3	69	0	82	1	.00	95	81	88	NA	NA	NA	.24
08/ 9	90	-2	70	1	80	-1	.07	94	80	87	NA	NA	NA	.21
08/10	92	0	71	2	82	1	.04	95	80	88	NA	NA	NA	.21
08/11	94	3	72	3	83	3	.00	98	80	89	NA	NA	NA	.22
08/12	94	3	70	1	82	2	.00	98	81	90	NA	NA	NA	.23
08/13	95	4	71	2	83	3	.00	100	81	91	NA	NA	NA	.23
08/14	92	1	72	3	82	2	.00	94	82	88	NA	NA	NA	.21
08/15	94	3	69	0	82	2	.14	97	79	88	NA	NA	NA	.23
08/16	89	-2	70	1	80	0	.08	89	79	84	NA	NA	NA	.20
08/17	87	-4	74	5	81	1	.45	86	79	83	NA	NA	NA	.17
08/18	90	-1	71	2	81	1	.00	90	79	85	NA	NA	NA	.20
08/19	91	0	69	0	80	0	.00	93	79	86	NA	NA	NA	.21
08/20	94	3	70	1	82	2	.00	99	79	89	NA	NA	NA	.23
08/21	94	3	72	3	83	3	.00	97	81	89	NA	NA	NA	.22
08/22	94	3	68	-1	81	1	.00	99	81	90	NA	NA	NA	.23
08/23	94	3	69	1	82	2	.00	100	81	91	NA	NA	NA	.23
08/24	95	4	70	2	83	3	.00	98	81	90	NA	NA	NA	.23
08/25	95	5	69	1	82	3	1.34	99	80	90	NA	NA	NA	.23
08/26	88	-2	69	1	79	0	.03	99	79	89	NA	NA	NA	.19
08/27	85	-5	69	1	77	-2	.00	87	79	83	NA	NA	NA	.17
08/28	84	-6	69	1	77	-2	.00	85	78	82	NA	NA	NA	.16
08/29	88	-2	69	1	79	0	.01	91	78	85	NA	NA	NA	.19
08/30	89	-1	70	2	80	1	.00	91	79	85	NA	NA	NA	.19
08/31	90	0	68	0	79	0	1.02	92	77	85	NA	NA	NA	.20

AIR TEMPERATURES:
Mean Maximum= 91.2 DFN= +.1 Mean Minimum= 69.8 DFN= +1.0 Average= 80.5 DFN= +.5
Highest= 95 Lowest= 66

PRECIPITATION STATISTICS:
Total= 3.58 DFN= -.78 Greatest Daily= 1.34 Rain Days= 11

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .21

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: CAMDEN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
09/ 1	90	0	69	1	80	1	.00	93	67	80	NA	NA	NA	.20
09/ 2	88	-2	69	1	79	0	.02	90	77	84	NA	NA	NA	.18
09/ 3	82	-7	72	5	77	-1	.44	89	77	83	NA	NA	NA	.14
09/ 4	90	1	69	2	80	2	.00	90	77	84	NA	NA	NA	.19
09/ 5	91	2	71	4	81	3	.00	92	77	85	NA	NA	NA	.19
09/ 6	91	2	70	3	81	3	.00	95	78	87	NA	NA	NA	.20
09/ 7	92	3	70	3	81	3	.00	95	80	88	NA	NA	NA	.20
09/ 8	93	4	70	3	82	4	.00	95	80	88	NA	NA	NA	.21
09/ 9	91	3	68	1	80	2	.12	91	78	85	NA	NA	NA	.20
09/10	91	3	68	2	80	3	.00	92	78	85	NA	NA	NA	.20
09/11	93	5	70	4	82	5	.00	95	78	87	NA	NA	NA	.21
09/12	93	5	70	4	82	5	.00	94	79	87	NA	NA	NA	.21
09/13	90	2	70	4	80	3	.00	94	79	87	NA	NA	NA	.19
09/14	89	2	60	-5	75	-1	.00	94	76	85	NA	NA	NA	.21
09/15	78	-9	50	-15	64	-12	.00	94	72	83	NA	NA	NA	.17
09/16	82	-5	51	-14	67	-9	.00	93	72	83	NA	NA	NA	.19
09/17	86	-1	58	-6	72	-4	.00	90	74	82	NA	NA	NA	.20
09/18	88	1	59	-5	74	-2	.00	90	74	82	NA	NA	NA	.20
09/19	89	3	60	-4	75	0	.00	90	74	82	NA	NA	NA	.21
09/20	88	2	62	-1	75	0	.00	90	75	83	NA	NA	NA	.19
09/21	90	4	62	-1	76	1	.00	90	74	82	NA	NA	NA	.21
09/22	91	5	62	-1	77	2	.00	89	74	82	NA	NA	NA	.21
09/23	90	5	65	3	78	4	.46	90	74	82	NA	NA	NA	.19
09/24	74	-11	70	8	72	-2	2.05	76	76	76	NA	NA	NA	.08
09/25	74	-11	63	2	69	-4	.08	77	76	77	NA	NA	NA	.10
09/26	86	2	64	3	75	2	.00	82	72	77	NA	NA	NA	.17
09/27	79	-5	52	-8	66	-6	.00	79	67	73	NA	NA	NA	.16
09/28	74	-10	50	-10	62	-10	.00	78	65	72	NA	NA	NA	.14
09/29	79	-5	51	-8	65	-7	.00	79	69	74	NA	NA	NA	.16
09/30	84	1	57	-2	71	0	.00	81	65	73	NA	NA	NA	.18

AIR TEMPERATURES:
Mean Maximum= 86.5 Mean Minimum= 63.4 Average= 75.0
DFN= -.4 DFN= -.9 DFN= -.6
Highest= 93 Lowest= 50

PRECIPITATION STATISTICS:
Total= 3.17 DFN= -.96 Greatest Daily= 2.05 Rain Days= 6

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .18

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: CAMDEN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	83	0	58	0	71	0	1.06	80	71	76	NA	NA	NA	.17
10/ 2	65	-18	53	-5	59	-12	.39	74	56	65	NA	NA	NA	.07
10/ 3	61	-21	54	-3	58	-12	.03	68	66	67	NA	NA	NA	.04
10/ 4	75	-7	60	3	68	-2	.00	76	66	71	NA	NA	NA	.11
10/ 5	84	2	60	4	72	3	.00	79	68	74	NA	NA	NA	.16
10/ 6	71	-10	42	-14	57	-12	.00	72	62	67	NA	NA	NA	.14
10/ 7	70	-11	42	-13	56	-12	.00	74	61	68	NA	NA	NA	.13
10/ 8	75	-6	46	-9	61	-7	.00	75	61	68	NA	NA	NA	.15
10/ 9	80	0	51	-4	66	-2	.00	77	62	70	NA	NA	NA	.16
10/10	82	2	59	5	71	4	.00	76	61	69	NA	NA	NA	.15
10/11	84	5	56	2	70	3	.00	81	62	72	NA	NA	NA	.17
10/12	85	6	58	5	72	6	.00	80	67	74	NA	NA	NA	.17
10/13	89	10	60	7	75	9	.00	82	66	74	NA	NA	NA	.19
10/14	87	9	66	14	77	12	.01	83	67	75	NA	NA	NA	.16
10/15	86	8	67	15	77	12	.00	83	72	78	NA	NA	NA	.14
10/16	83	5	68	16	76	11	.77	79	73	76	NA	NA	NA	.12
10/17	78	1	66	15	72	8	.10	78	72	75	NA	NA	NA	.10
10/18	84	7	66	15	75	11	.22	82	72	77	NA	NA	NA	.13
10/19	78	1	62	12	70	6	.00	78	71	75	NA	NA	NA	.11
10/20	77	1	64	14	71	8	.00	78	71	75	NA	NA	NA	.09
10/21	86	10	65	15	76	13	.00	82	70	76	NA	NA	NA	.15
10/22	86	10	66	17	76	13	.00	82	71	77	NA	NA	NA	.14
10/23	83	8	66	17	75	13	.09	81	71	76	NA	NA	NA	.12
10/24	82	7	66	17	74	12	.00	81	72	77	NA	NA	NA	.12
10/25	80	5	65	17	73	11	.00	78	71	75	NA	NA	NA	.11
10/26	80	6	62	14	71	10	.00	78	71	75	NA	NA	NA	.11
10/27	80	6	59	12	70	9	.10	78	70	74	NA	NA	NA	.12
10/28	78	5	62	15	70	10	.44	78	69	74	NA	NA	NA	.10
10/29	73	0	66	19	70	10	.38	73	69	71	NA	NA	NA	.05
10/30	71	-2	57	10	64	4	.01	72	66	69	NA	NA	NA	.07
10/31	66	-6	57	11	62	3	.13	66	66	66	NA	NA	NA	.04

AIR TEMPERATURES:
Mean Maximum= 78.8 Mean Minimum= 59.6 Average= 69.2
DFN= +1.1 DFN= +7.8 DFN= +4.5
Highest= 89 Lowest= 42

PRECIPITATION STATISTICS:
Total= 3.73 DFN= +.70 Greatest Daily= 1.06 Rain Days= 13

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .12

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
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National Weather Service
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Daily Weather Observations for: CAMDEN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	70	-2	57	11	64	5	.62	71	66	69	NA	NA	NA	.06
11/ 2	63	-9	55	9	59	0	Trace	66	64	65	NA	NA	NA	.02
11/ 3	60	-11	56	11	58	0	.01	61	59	60	NA	NA	NA	.00
11/ 4	60	-11	41	-4	51	-7	.00	65	59	62	NA	NA	NA	.05
11/ 5	60	-10	36	-9	48	-10	.00	65	53	59	NA	NA	NA	.06
11/ 6	58	-12	33	-11	46	-11	.00	62	52	57	NA	NA	NA	.06
11/ 7	61	-9	35	-9	48	-9	.00	64	52	58	NA	NA	NA	.07
11/ 8	65	-4	37	-7	51	-6	.30	63	53	58	NA	NA	NA	.09
11/ 9	64	-5	40	-4	52	-5	.00	65	52	59	NA	NA	NA	.07
11/10	73	4	41	-2	57	1	.00	66	52	59	NA	NA	NA	.13
11/11	79	11	53	10	66	10	.00	69	57	63	NA	NA	NA	.12
11/12	79	11	55	12	67	11	.00	71	59	65	NA	NA	NA	.12
11/13	80	12	59	16	70	14	.00	74	64	69	NA	NA	NA	.11
11/14	78	11	59	17	69	14	.00	73	64	69	NA	NA	NA	.10
11/15	78	11	60	18	69	14	.00	72	64	68	NA	NA	NA	.09
11/16	80	13	65	23	73	18	.00	75	67	71	NA	NA	NA	.09
11/17	81	15	62	20	72	18	.00	75	68	72	NA	NA	NA	.10
11/18	77	11	59	18	68	14	.00	76	65	71	NA	NA	NA	.09
11/19	83	17	59	18	71	17	.00	74	65	70	NA	NA	NA	.13
11/20	79	13	59	18	69	15	.00	75	65	70	NA	NA	NA	.10
11/21	72	7	55	14	64	11	.00	71	65	68	NA	NA	NA	.07
11/22	59	-6	53	13	56	3	.12	66	62	64	NA	NA	NA	.00
11/23	68	3	46	6	57	4	.00	67	59	63	NA	NA	NA	.07
11/24	73	8	46	6	60	7	.00	67	59	63	NA	NA	NA	.10
11/25	75	11	51	11	63	11	.00	68	59	64	NA	NA	NA	.10
11/26	79	15	61	21	70	18	.00	71	63	67	NA	NA	NA	.09
11/27	80	16	66	27	73	21	.08	73	65	69	NA	NA	NA	.08
11/28	80	17	66	27	73	22	.34	74	68	71	NA	NA	NA	.08
11/29	76	13	60	21	68	17	1.36	73	68	71	NA	NA	NA	.07
11/30	65	2	58	19	62	11	.51	69	66	68	NA	NA	NA	.01

AIR TEMPERATURES:
Mean Maximum= 71.8 Mean Minimum= 52.8 Average= 62.3
DFN= +4.7 DFN= +10.7 DFN= +7.7
Highest= 83 Lowest= 33

PRECIPITATION STATISTICS:
Total= 3.34 DFN= -.39 Greatest Daily= 1.36 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .08

****
Data values that are all NA's indicate data that are missing or not reported.
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Daily Weather Observations for: CAMDEN 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	72	9	58	19	65	14	.00	69	66	68	NA	NA	NA	.05
12/ 2	73	10	34	-4	54	3	.27	70	55	63	NA	NA	NA	.14
12/ 3	47	-15	28	-10	38	-12	.00	60	48	54	NA	NA	NA	.00
12/ 4	47	-15	28	-10	38	-12	.00	56	47	52	NA	NA	NA	.00
12/ 5	59	-3	31	-7	45	-5	.00	57	47	52	NA	NA	NA	.06
12/ 6	54	-8	36	-2	45	-5	.02	57	49	53	NA	NA	NA	.01
12/ 7	55	-6	28	-9	42	-7	.00	57	46	52	NA	NA	NA	.04
12/ 8	59	-2	29	-8	44	-5	.00	58	50	54	NA	NA	NA	.06
12/ 9	68	7	41	4	55	6	.00	60	46	53	NA	NA	NA	.08
12/10	68	7	41	4	55	6	.00	60	51	56	NA	NA	NA	.08
12/11	74	13	48	11	61	12	.00	64	53	59	NA	NA	NA	.09
12/12	76	16	61	24	69	20	.86	66	57	62	NA	NA	NA	.07
12/13	65	5	48	11	57	8	1.41	64	59	62	NA	NA	NA	.04
12/14	53	-7	25	-11	39	-9	.00	60	46	53	NA	NA	NA	.03
12/15	35	-25	19	-17	27	-21	.00	52	41	47	NA	NA	NA	.00
12/16	43	-17	19	-17	31	-17	.00	50	41	46	NA	NA	NA	.00
12/17	52	-7	23	-13	38	-10	.00	51	41	46	NA	NA	NA	.03
12/18	54	-5	27	-9	41	-7	.00	50	42	46	NA	NA	NA	.03
12/19	52	-7	23	-13	38	-10	.00	51	41	46	NA	NA	NA	.03
12/20	43	-16	23	-13	33	-15	.00	49	40	45	NA	NA	NA	.00
12/21	52	-7	24	-11	38	-9	.00	49	40	45	NA	NA	NA	.03
12/22	42	-17	22	-13	32	-15	.00	48	39	44	NA	NA	NA	.00
12/23	60	2	24	-11	42	-5	.00	50	39	45	NA	NA	NA	.08
12/24	65	7	36	1	51	4	.00	55	45	50	NA	NA	NA	.07
12/25	59	1	23	-12	41	-6	.00	55	41	48	NA	NA	NA	.08
12/26	32	-26	11	-24	22	-25	.00	48	32	40	NA	NA	NA	.00
12/27	41	-17	15	-20	28	-19	.00	48	32	40	NA	NA	NA	.00
12/28	48	-10	24	-11	36	-11	.55	46	36	41	NA	NA	NA	.01
12/29	47	-11	28	-7	38	-9	Trace	49	36	43	NA	NA	NA	.00
12/30	55	-3	25	-10	40	-7	.00	52	37	45	NA	NA	NA	.05
12/31	59	2	25	-10	42	-4	.00	52	40	46	NA	NA	NA	.07

AIR TEMPERATURES:
Mean Maximum= 55.1 Mean Minimum= 29.9 Average= 42.5
DFN= -4.7 DFN= -6.4 DFN= -5.5
Highest= 76 Lowest= 11

PRECIPITATION STATISTICS:
Total= 3.11 DFN= -2.61 Greatest Daily= 1.41 Rain Days= 5

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .04

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
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Daily Weather Observations for: CROSSVILLE (SAND MT) 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
01/ 1	73	23	55	24	64	23	.00	62	57	60	NA	NA	NA	.06
01/ 2	64	14	35	4	50	9	.61	59	52	56	NA	NA	NA	.07
01/ 3	40	-9	34	3	37	-3	.39	52	47	50	NA	NA	NA	.00
01/ 4	45	-4	25	-6	35	-5	.48	48	45	47	NA	NA	NA	.00
01/ 5	28	-21	17	-14	23	-17	.04	44	39	42	NA	NA	NA	.00
01/ 6	30	-19	16	-15	23	-17	.00	39	38	39	NA	NA	NA	.00
01/ 7	45	-4	18	-13	32	-8	.00	43	38	41	NA	NA	NA	.00
01/ 8	49	0	28	-3	39	-1	.00	44	39	42	NA	NA	NA	.00
01/ 9	47	-2	24	-6	36	-4	.00	46	39	43	NA	NA	NA	.00
01/10	50	1	27	-3	39	-1	.04	46	39	43	NA	NA	NA	.01
01/11	44	-5	30	0	37	-3	.17	43	40	42	NA	NA	NA	.00
01/12	33	-16	20	-10	27	-13	.01	42	36	39	NA	NA	NA	.00
01/13	31	-18	14	-16	23	-17	.00	36	35	36	NA	NA	NA	.00
01/14	38	-11	14	-16	26	-14	.00	37	35	36	NA	NA	NA	.00
01/15	47	-2	18	-12	33	-7	.00	41	35	38	NA	NA	NA	.02
01/16	37	-12	18	-12	28	-12	.00	38	35	37	NA	NA	NA	.00
01/17	40	-9	24	-6	32	-8	.62	38	35	37	NA	NA	NA	.00
01/18	38	-11	24	-6	31	-9	.00	38	36	37	NA	NA	NA	.00
01/19	53	4	25	-5	39	-1	.00	44	36	40	NA	NA	NA	.04
01/20	51	2	-1	-31	25	-15	.02	43	37	40	NA	NA	NA	.11
01/21	2	-47	-13	-43	-6	-46	.00	37	36	37	NA	NA	NA	.00
01/22	17	-32	-11	-41	3	-37	.00	36	35	36	NA	NA	NA	.00
01/23	32	-17	7	-23	20	-20	.00	35	34	35	NA	NA	NA	.00
01/24	43	-7	20	-10	32	-8	.00	35	34	35	NA	NA	NA	.00
01/25	51	1	24	-6	38	-2	.00	41	34	38	NA	NA	NA	.03
01/26	50	0	9	-21	30	-10	.00	41	34	38	NA	NA	NA	.07
01/27	35	-15	10	-20	23	-17	.00	34	34	34	NA	NA	NA	.00
01/28	38	-12	19	-12	29	-12	.30	33	33	33	NA	NA	NA	.00
01/29	35	-15	22	-9	29	-12	.00	34	33	34	NA	NA	NA	.00
01/30	45	-6	22	-9	34	-7	.05	41	34	38	NA	NA	NA	.00
01/31	47	-4	33	2	40	-1	.70	41	38	40	NA	NA	NA	.00

AIR TEMPERATURES:
Mean Maximum= 41.2 Mean Minimum= 19.6 Average= 30.4
DFN= -8.2 DFN= -10.8 DFN= -9.5
Highest= 73 Lowest= -13

PRECIPITATION STATISTICS:
Total= 3.43 DFN= -1.79 Greatest Daily= .70 Rain Days= 12

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .01

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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Daily Weather Observations for: CROSSVILLE (SAND MT) 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
02/ 1	51	0	32	1	42	1	2.24	44	38	41	NA	NA	NA	.01
02/ 2	37	-14	29	-2	33	-8	.62	42	39	41	NA	NA	NA	.00
02/ 3	34	-17	17	-14	26	-15	.00	39	34	37	NA	NA	NA	.00
02/ 4	30	-22	17	-14	24	-18	.00	35	34	35	NA	NA	NA	.00
02/ 5	50	-2	27	-4	39	-3	.81	44	35	40	NA	NA	NA	.02
02/ 6	39	-13	32	1	36	-6	.41	39	39	39	NA	NA	NA	.00
02/ 7	37	-15	22	-9	30	-12	.00	39	36	38	NA	NA	NA	.00
02/ 8	37	-15	12	-19	25	-17	.00	37	35	36	NA	NA	NA	.00
02/ 9	37	-16	13	-18	25	-17	.00	36	34	35	NA	NA	NA	.00
02/10	51	-2	20	-11	36	-6	.00	43	34	39	NA	NA	NA	.05
02/11	62	9	32	0	47	4	.08	46	35	41	NA	NA	NA	.09
02/12	50	-3	20	-12	35	-8	.81	43	39	41	NA	NA	NA	.05
02/13	29	-24	20	-12	25	-18	Trace	39	38	39	NA	NA	NA	.00
02/14	38	-16	20	-12	29	-14	.00	38	37	38	NA	NA	NA	.00
02/15	44	-10	19	-13	32	-11	.00	37	35	36	NA	NA	NA	.02
02/16	35	-19	13	-19	24	-19	.00	38	35	37	NA	NA	NA	.00
02/17	50	-4	15	-18	33	-11	.00	40	34	37	NA	NA	NA	.07
02/18	57	2	32	-1	45	1	.00	46	34	40	NA	NA	NA	.06
02/19	60	5	36	3	48	4	.05	45	38	42	NA	NA	NA	.07
02/20	52	-3	38	5	45	1	.33	49	42	46	NA	NA	NA	.01
02/21	62	7	37	4	50	6	.00	53	43	48	NA	NA	NA	.08
02/22	66	10	40	6	53	8	.00	51	43	47	NA	NA	NA	.10
02/23	73	17	46	12	60	15	.00	54	45	50	NA	NA	NA	.12
02/24	72	16	53	19	63	18	.07	55	48	52	NA	NA	NA	.09
02/25	62	6	51	17	57	12	.18	54	53	54	NA	NA	NA	.04
02/26	57	0	49	15	53	7	.58	58	52	55	NA	NA	NA	.01
02/27	58	1	47	12	53	7	.00	54	51	53	NA	NA	NA	.03
02/28	54	-3	27	-8	41	-5	.00	52	44	48	NA	NA	NA	.07

AIR TEMPERATURES:
Mean Maximum= 49.4 Mean Minimum= 29.1 Average= 39.3
DFN= -4.5 DFN= -3.3 DFN= -3.9
Highest= 73 Lowest= 12

PRECIPITATION STATISTICS:
Total= 6.18 DFN= +1.29 Greatest Daily= 2.24 Rain Days= 11

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .03

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: CROSSVILLE (SAND MT) 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
03/ 1	62	5	31	-4	47	1	.00	55	43	49	NA	NA	NA	.10
03/ 2	55	-3	45	9	50	3	.33	49	47	48	NA	NA	NA	.02
03/ 3	60	2	34	-2	47	0	.00	54	45	50	NA	NA	NA	.08
03/ 4	69	11	41	5	55	8	.00	57	45	51	NA	NA	NA	.12
03/ 5	74	16	44	8	59	12	.12	58	50	54	NA	NA	NA	.14
03/ 6	57	-2	29	-8	43	-5	.00	57	45	51	NA	NA	NA	.08
03/ 7	65	6	31	-6	48	0	.00	57	44	51	NA	NA	NA	.13
03/ 8	65	6	41	4	53	5	.00	53	45	49	NA	NA	NA	.10
03/ 9	78	18	52	14	65	16	.00	60	49	55	NA	NA	NA	.15
03/10	65	5	40	2	53	4	.00	58	50	54	NA	NA	NA	.10
03/11	65	5	48	10	57	8	.00	56	49	53	NA	NA	NA	.08
03/12	80	19	51	13	66	16	.02	59	56	58	NA	NA	NA	.16
03/13	60	-1	34	-5	47	-3	.00	55	48	52	NA	NA	NA	.09
03/14	73	12	39	0	56	6	.00	61	48	55	NA	NA	NA	.16
03/15	60	-1	34	-5	47	-3	.00	57	47	52	NA	NA	NA	.09
03/16	62	0	37	-3	50	-1	.00	59	47	53	NA	NA	NA	.10
03/17	64	2	44	4	54	3	.00	56	48	52	NA	NA	NA	.09
03/18	60	-2	33	-7	47	-4	.00	58	45	52	NA	NA	NA	.10
03/19	56	-7	30	-10	43	-9	.00	57	44	51	NA	NA	NA	.09
03/20	66	3	38	-3	52	0	.00	61	44	53	NA	NA	NA	.12
03/21	70	6	44	3	57	4	.07	61	47	54	NA	NA	NA	.13
03/22	54	-10	41	0	48	-5	1.08	52	49	51	NA	NA	NA	.04
03/23	48	-16	41	-1	45	-8	.06	51	49	50	NA	NA	NA	.00
03/24	65	0	44	2	55	1	.12	59	49	54	NA	NA	NA	.10
03/25	63	-2	31	-11	47	-7	.12	58	47	53	NA	NA	NA	.13
03/26	62	-3	34	-9	48	-6	.00	60	47	54	NA	NA	NA	.12
03/27	70	4	43	0	57	2	.00	60	47	54	NA	NA	NA	.14
03/28	67	1	51	8	59	4	.08	56	50	53	NA	NA	NA	.10
03/29	76	9	60	17	68	13	.00	62	56	59	NA	NA	NA	.13
03/30	79	12	60	16	70	14	.00	66	58	62	NA	NA	NA	.15
03/31	80	13	58	14	69	13	.11	67	59	63	NA	NA	NA	.16

AIR TEMPERATURES:
Mean Maximum= 65.5 Mean Minimum= 41.4 Average= 53.4
DFN= +3.5 DFN= +1.8 DFN= +2.6
Highest= 80 Lowest= 29

PRECIPITATION STATISTICS:
Total= 2.11 DFN= -4.57 Greatest Daily= 1.08 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .11

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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Daily Weather Observations for: CROSSVILLE (SAND MT) 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
04/ 1	62	-6	36	-8	49	-7	.55	62	50	56	NA	NA	NA	.12
04/ 2	61	-7	30	-15	46	-11	.00	61	48	55	NA	NA	NA	.13
04/ 3	58	-10	36	-9	47	-10	.00	59	48	54	NA	NA	NA	.09
04/ 4	77	8	45	0	61	4	.00	63	48	56	NA	NA	NA	.18
04/ 5	80	11	55	9	68	10	.00	66	53	60	NA	NA	NA	.17
04/ 6	70	0	37	-9	54	-4	.86	61	51	56	NA	NA	NA	.17
04/ 7	65	-5	44	-2	55	-3	.03	62	51	57	NA	NA	NA	.11
04/ 8	66	-4	34	-13	50	-9	.00	63	49	56	NA	NA	NA	.15
04/ 9	58	-13	29	-18	44	-15	.00	59	48	54	NA	NA	NA	.12
04/10	57	-14	30	-17	44	-15	.00	60	47	54	NA	NA	NA	.11
04/11	66	-5	43	-5	55	-5	.00	63	47	55	NA	NA	NA	.13
04/12	75	3	50	2	63	3	.00	65	50	58	NA	NA	NA	.16
04/13	76	4	55	7	66	6	.05	67	56	62	NA	NA	NA	.15
04/14	75	3	54	6	65	5	.00	67	58	63	NA	NA	NA	.15
04/15	63	-10	52	3	58	-3	.85	64	58	61	NA	NA	NA	.08
04/16	68	-5	46	-3	57	-4	.15	66	56	61	.22	NA	NA	.13
04/17	70	-3	47	-2	59	-2	.00	63	56	60	NA	NA	NA	.14
04/18	83	10	55	6	69	8	.00	73	56	65	.26	NA	NA	.20
04/19	83	9	53	3	68	6	.00	74	60	67	.22	NA	NA	.21
04/20	82	8	56	6	69	7	.22	74	60	67	.21	NA	NA	.19
04/21	83	9	53	3	68	6	.00	76	61	69	.19	NA	NA	.21
04/22	85	11	56	6	71	9	.00	78	62	70	.26	NA	NA	.21
04/23	83	8	61	10	72	9	Trace	75	62	69	.25	NA	NA	.18
04/24	78	3	57	6	68	5	.16	72	64	68	.13	NA	NA	.17
04/25	74	-1	50	-1	62	-1	.05	72	61	67	.09	NA	NA	.16
04/26	82	7	54	3	68	5	.00	78	61	70	.25	NA	NA	.20
04/27	84	9	63	11	74	10	.01	76	62	69	.12	NA	NA	.19
04/28	81	5	64	12	73	9	.00	75	67	71	.17	NA	NA	.16
04/29	79	3	58	6	69	5	.00	78	66	72	.26	NA	NA	.17
04/30	83	7	61	9	72	8	.00	80	65	73	.27	NA	NA	.19

AIR TEMPERATURES:
Mean Maximum= 73.6 DFN= +1.2 Mean Minimum= 48.8 DFN= +.2 Average= 61.2 DFN= +.7
Highest= 85 Lowest= 29

PRECIPITATION STATISTICS:
Total= 2.93 DFN= -2.40 Greatest Daily= .86 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= .21 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .16

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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Daily Weather Observations for: CROSSVILLE (SAND MT) 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
05/ 1	79	3	59	6	69	4	.00	76	65	71	NA	NA	NA	.17
05/ 2	68	-8	61	8	65	0	.89	69	65	67	NA	NA	NA	.09
05/ 3	75	-1	56	3	66	1	.03	74	64	69	.14	NA	NA	.15
05/ 4	72	-5	51	-2	62	-3	.00	73	61	67	.20	NA	NA	.15
05/ 5	75	-2	49	-5	62	-4	.00	77	61	69	.23	NA	NA	.18
05/ 6	78	1	52	-2	65	-1	.00	78	61	70	.23	NA	NA	.19
05/ 7	82	5	57	3	70	4	Trace	78	63	71	.20	NA	NA	.20
05/ 8	79	2	59	5	69	3	1.02	75	66	71	.09	NA	NA	.17
05/ 9	62	-15	53	-1	58	-8	1.15	67	61	64	.02	NA	NA	.08
05/10	60	-18	52	-3	56	-11	.40	62	61	62	.02	NA	NA	.08
05/11	76	-2	57	2	67	0	.33	72	61	67	.20	NA	NA	.16
05/12	85	7	66	11	76	9	.00	90	74	82	.21	NA	NA	.19
05/13	84	6	58	3	71	4	.00	78	67	73	.21	NA	NA	.21
05/14	85	7	62	6	74	7	.00	83	67	75	.23	NA	NA	.20
05/15	87	8	64	8	76	8	.00	83	70	77	.26	NA	NA	.21
05/16	81	2	49	-7	65	-3	.00	82	65	74	.27	NA	NA	.22
05/17	81	2	55	-1	68	0	.00	81	65	73	.30	NA	NA	.20
05/18	67	-12	44	-13	56	-12	.00	70	62	66	.12	NA	NA	.15
05/19	71	-8	51	-6	61	-7	.00	78	61	70	.26	NA	NA	.15
05/20	79	-1	55	-2	67	-2	.00	83	62	73	.19	NA	NA	.19
05/21	81	1	61	4	71	2	Trace	82	64	73	.27	NA	NA	.18
05/22	86	6	63	5	75	6	Trace	84	68	76	.19	NA	NA	.21
05/23	82	2	57	-1	70	1	.00	81	70	76	.20	NA	NA	.20
05/24	62	-19	50	-8	56	-14	.00	70	63	67	.07	NA	NA	.10
05/25	75	-6	46	-12	61	-9	.00	80	63	72	.22	NA	NA	.19
05/26	80	-1	50	-9	65	-5	.00	82	63	73	.21	NA	NA	.21
05/27	83	2	56	-3	70	0	.00	86	64	75	.29	NA	NA	.21
05/28	85	4	62	3	74	4	.28	85	67	76	.31	NA	NA	.21
05/29	84	2	64	5	74	3	.01	82	69	76	.24	NA	NA	.20
05/30	83	1	62	2	73	2	.17	81	69	75	.13	NA	NA	.20
05/31	86	4	62	2	74	3	.00	81	69	75	.23	NA	NA	.21

AIR TEMPERATURES:
Mean Maximum= 77.8 Mean Minimum= 56.2 Average= 67.0
DFN= -1.1 DFN= +.0 DFN= -.5
Highest= 87 Lowest= 44

PRECIPITATION STATISTICS:
Total= 4.28 DFN= -.23 Greatest Daily= 1.15 Rain Days= 9

AVERAGE DAILY VALUES:
Pan Evaporation= .20 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .18

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
06/ 1	87	5	68	8	78	7	.00	81	71	76	.17	NA	NA	.20
06/ 2	91	8	70	10	81	9	.00	87	71	79	.27	NA	NA	.22
06/ 3	94	11	66	5	80	8	.00	91	74	83	.34	NA	NA	.25
06/ 4	93	10	66	5	80	8	.00	91	74	83	.28	NA	NA	.25
06/ 5	94	11	67	6	81	9	.00	93	74	84	.30	NA	NA	.25
06/ 6	96	12	70	9	83	10	.00	93	76	85	.28	NA	NA	.25
06/ 7	96	12	70	8	83	10	.00	94	77	86	.33	NA	NA	.25
06/ 8	91	7	62	0	77	4	.42	91	73	82	.28	NA	NA	.25
06/ 9	84	0	64	2	74	1	.00	84	73	79	.16	NA	NA	.20
06/10	91	7	65	3	78	5	1.01	88	73	81	.32	NA	NA	.24
06/11	81	-4	66	4	74	0	.46	84	74	79	.18	NA	NA	.17
06/12	81	-4	65	2	73	-1	.36	79	73	76	.13	NA	NA	.18
06/13	75	-10	47	-16	61	-13	.00	80	64	72	.29	NA	NA	.19
06/14	73	-12	48	-15	61	-13	.00	81	64	73	.24	NA	NA	.18
06/15	79	-6	55	-8	67	-7	Trace	85	64	75	.22	NA	NA	.19
06/16	77	-9	63	0	70	-5	.03	71	68	70	.08	NA	NA	.16
06/17	86	0	67	3	77	2	.00	84	71	78	.17	NA	NA	.20
06/18	87	1	65	1	76	1	.67	85	73	79	.23	NA	NA	.21
06/19	77	-9	64	0	71	-4	.01	78	71	75	.11	NA	NA	.15
06/20	75	-11	51	-13	63	-12	.00	76	65	71	.14	NA	NA	.18
06/21	81	-5	57	-7	69	-6	.00	83	65	74	.25	NA	NA	.20
06/22	84	-2	62	-2	73	-2	.00	87	67	77	.26	NA	NA	.20
06/23	86	0	65	0	76	0	.02	86	70	78	.20	NA	NA	.21
06/24	87	0	66	1	77	1	.00	86	73	80	.20	NA	NA	.21
06/25	92	5	63	-2	78	2	.00	93	74	84	.26	NA	NA	.25
06/26	92	5	64	-1	78	2	.00	90	75	83	.19	NA	NA	.25
06/27	91	4	65	0	78	2	Trace	94	74	84	.27	NA	NA	.24
06/28	88	1	65	0	77	1	1.39	86	74	80	.23	NA	NA	.22
06/29	78	-9	64	-1	71	-5	Trace	79	72	76	.05	NA	NA	.16
06/30	83	-4	63	-2	73	-3	.00	83	72	78	.25	NA	NA	.19

AIR TEMPERATURES:
Mean Maximum= 85.7 Mean Minimum= 63.1 Average= 74.4
DFN= +.5 DFN= +.0 DFN= +.2
Highest= 96 Lowest= 47

PRECIPITATION STATISTICS:
Total= 4.37 DFN= +.60 Greatest Daily= 1.39 Rain Days= 9

AVERAGE DAILY VALUES:
Pan Evaporation= .22 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .21

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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Daily Weather Observations for: CROSSVILLE (SAND MT) 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
07/ 1	77	-10	59	-6	68	-8	1.43	76	70	73	.13	NA	NA	.17
07/ 2	80	-7	55	-11	68	-9	.98	82	68	75	.07	NA	NA	.20
07/ 3	82	-5	59	-7	71	-6	.00	83	68	76	.18	NA	NA	.20
07/ 4	86	-1	62	-4	74	-3	.27	84	69	77	.17	NA	NA	.22
07/ 5	81	-6	62	-4	72	-5	.80	82	70	76	.23	NA	NA	.18
07/ 6	79	-8	64	-2	72	-5	.59	80	70	75	.08	NA	NA	.17
07/ 7	78	-10	61	-5	70	-7	.02	79	70	75	.22	NA	NA	.17
07/ 8	85	-3	64	-2	75	-2	.00	84	70	77	.15	NA	NA	.20
07/ 9	88	0	65	-1	77	0	.00	87	73	80	.28	NA	NA	.22
07/10	90	2	69	3	80	3	.00	90	73	82	.28	NA	NA	.22
07/11	91	3	64	-2	78	1	.41	92	74	83	.36	NA	NA	.24
07/12	91	3	65	-1	78	1	.00	90	75	83	.26	NA	NA	.24
07/13	92	4	68	2	80	3	.00	92	75	84	.26	NA	NA	.23
07/14	92	4	68	2	80	3	.00	92	76	84	.23	NA	NA	.23
07/15	90	2	67	1	79	2	.00	87	76	82	.18	NA	NA	.22
07/16	90	2	65	-1	78	1	.73	90	75	83	.21	NA	NA	.23
07/17	86	-2	64	-2	75	-2	.76	83	73	78	.14	NA	NA	.21
07/18	89	1	65	-1	77	0	.00	89	73	81	.22	NA	NA	.22
07/19	90	2	67	1	79	2	.00	90	76	83	.26	NA	NA	.22
07/20	90	2	66	0	78	1	.00	92	76	84	.23	NA	NA	.23
07/21	92	4	69	2	81	3	.00	93	76	85	.24	NA	NA	.23
07/22	90	2	69	2	80	2	.00	94	78	86	.24	NA	NA	.22
07/23	90	2	67	0	79	1	.06	93	77	85	.14	NA	NA	.22
07/24	87	-1	68	1	78	0	Trace	90	77	84	.20	NA	NA	.20
07/25	76	-12	65	-2	71	-7	4.06	77	74	76	NA	NA	NA	.14
07/26	82	-6	68	1	75	-3	.05	82	74	78	.05	NA	NA	.17
07/27	84	-4	67	0	76	-2	2.37	83	75	79	NA	NA	NA	.18
07/28	74	-14	68	2	71	-6	5.75	75	74	75	NA	NA	NA	.12
07/29	78	-10	68	2	73	-4	1.06	80	74	77	NA	NA	NA	.14
07/30	83	-5	69	3	76	-1	.05	83	74	79	.07	NA	NA	.17
07/31	88	0	69	3	79	2	.00	88	76	82	.17	NA	NA	.20

AIR TEMPERATURES:
Mean Maximum= 85.5 Mean Minimum= 65.4 Average= 75.4
DFN= -2.3 DFN= -.8 DFN= -1.6
Highest= 92 Lowest= 55

PRECIPITATION STATISTICS:
Total= 19.39 DFN= +15.41 Greatest Daily= 5.75 Rain Days= 16

AVERAGE DAILY VALUES:
Pan Evaporation= .19 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .20

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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Daily Weather Observations for: CROSSVILLE (SAND MT) 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
08/ 1	89	1	69	3	79	2	.00	88	76	82	.21	NA	NA	.21
08/ 2	91	3	67	1	79	2	.03	89	76	83	.23	NA	NA	.22
08/ 3	87	-2	65	-1	76	-2	.00	90	75	83	.24	NA	NA	.20
08/ 4	83	-6	60	-6	72	-6	.00	87	73	80	.23	NA	NA	.19
08/ 5	83	-6	58	-8	71	-7	.00	90	72	81	.25	NA	NA	.20
08/ 6	83	-6	59	-7	71	-7	.00	87	72	80	.13	NA	NA	.20
08/ 7	84	-5	68	2	76	-2	.00	86	75	81	.13	NA	NA	.17
08/ 8	82	-6	68	2	75	-2	.95	84	76	80	.13	NA	NA	.16
08/ 9	87	-1	66	0	77	0	.00	87	75	81	.16	NA	NA	.20
08/10	88	0	66	0	77	0	Trace	87	75	81	.16	NA	NA	.20
08/11	89	1	66	0	78	1	.00	87	75	81	.17	NA	NA	.21
08/12	90	2	68	2	79	2	.00	90	75	83	.23	NA	NA	.21
08/13	90	2	69	3	80	3	.00	92	76	84	.22	NA	NA	.21
08/14	90	2	67	1	79	2	.00	91	77	84	.21	NA	NA	.21
08/15	88	0	68	2	78	1	.05	91	77	84	.22	NA	NA	.20
08/16	88	0	65	-1	77	0	.09	89	76	83	.19	NA	NA	.20
08/17	83	-5	69	4	76	-1	2.80	83	75	79	.16	NA	NA	.16
08/18	79	-9	67	2	73	-4	.03	77	73	75	.09	NA	NA	.14
08/19	86	-2	68	3	77	0	.00	84	73	79	.19	NA	NA	.18
08/20	90	2	64	-1	77	0	.00	89	73	81	.22	NA	NA	.22
08/21	87	-1	64	-1	76	-1	.00	77	75	76	.19	NA	NA	.20
08/22	83	-5	58	-7	71	-6	.00	88	73	81	.14	NA	NA	.19
08/23	86	-1	61	-4	74	-2	.00	90	73	82	.27	NA	NA	.20
08/24	82	-5	66	1	74	-2	.33	83	74	79	.15	NA	NA	.16
08/25	85	-2	65	0	75	-1	.58	83	73	78	.11	NA	NA	.18
08/26	81	-6	61	-4	71	-5	1.21	82	72	77	.24	NA	NA	.17
08/27	75	-12	62	-3	69	-7	.14	78	72	75	.03	NA	NA	.13
08/28	80	-7	62	-2	71	-5	.00	81	71	76	.09	NA	NA	.16
08/29	88	1	63	-1	76	0	.00	86	71	79	.18	NA	NA	.20
08/30	88	2	63	-1	76	1	.00	84	74	79	.16	NA	NA	.20
08/31	88	2	62	-2	75	0	.00	88	73	81	.12	NA	NA	.21

AIR TEMPERATURES:
Mean Maximum= 85.6 Mean Minimum= 64.6 Average= 75.1
DFN= -2.2 DFN= -.7 DFN= -1.5
Highest= 91 Lowest= 58

PRECIPITATION STATISTICS:
Total= 6.21 DFN= +2.98 Greatest Daily= 2.80 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= .18 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .19

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: CROSSVILLE (SAND MT) 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
09/ 1	88	2	64	0	76	1	.00	90	73	82	.31	NA	NA	.20
09/ 2	87	1	68	4	78	3	.00	88	73	81	.23	NA	NA	.18
09/ 3	87	1	66	2	77	2	.00	88	74	81	.21	NA	NA	.18
09/ 4	87	1	66	3	77	2	.00	90	75	83	.18	NA	NA	.18
09/ 5	88	3	67	4	78	4	.00	91	75	83	.20	NA	NA	.19
09/ 6	85	0	68	5	77	3	.14	87	75	81	.13	NA	NA	.16
09/ 7	88	3	68	5	78	4	.00	86	75	81	.13	NA	NA	.18
09/ 8	85	0	66	3	76	2	1.96	85	75	80	.19	NA	NA	.17
09/ 9	89	5	66	4	78	5	.00	88	75	82	.20	NA	NA	.19
09/10	88	4	66	4	77	4	.00	88	75	82	.20	NA	NA	.19
09/11	89	5	65	3	77	4	.00	88	75	82	.19	NA	NA	.19
09/12	86	2	60	-2	73	0	.00	88	74	81	.23	NA	NA	.19
09/13	84	1	61	0	73	1	.00	86	73	80	.15	NA	NA	.17
09/14	70	-13	51	-10	61	-11	.00	77	66	72	.13	NA	NA	.12
09/15	71	-12	48	-13	60	-12	.00	80	65	73	.15	NA	NA	.13
09/16	75	-8	49	-12	62	-10	.00	83	65	74	.20	NA	NA	.15
09/17	79	-3	51	-9	65	-6	.00	84	66	75	.18	NA	NA	.17
09/18	80	-2	51	-9	66	-5	.00	84	66	75	.20	NA	NA	.18
09/19	82	0	52	-7	67	-4	.00	84	67	76	.20	NA	NA	.18
09/20	83	1	54	-5	69	-2	.00	85	67	76	.20	NA	NA	.18
09/21	84	3	57	-2	71	1	.00	85	67	76	.16	NA	NA	.18
09/22	85	4	58	0	72	2	.00	86	68	77	.18	NA	NA	.18
09/23	84	3	58	0	71	1	.00	84	69	77	.17	NA	NA	.18
09/24	73	-7	61	3	67	-2	.47	76	70	73	NA	NA	NA	.10
09/25	73	-7	43	-14	58	-11	.00	76	62	69	.12	NA	NA	.15
09/26	80	0	48	-9	64	-5	.08	78	62	70	.11	NA	NA	.18
09/27	72	-7	45	-11	59	-9	.02	74	61	68	.14	NA	NA	.14
09/28	67	-12	39	-17	53	-15	.00	72	58	65	.13	NA	NA	.12
09/29	77	-2	47	-8	62	-5	.00	77	60	69	.17	NA	NA	.16
09/30	77	-1	47	-8	62	-5	.00	77	60	69	.17	NA	NA	.16

AIR TEMPERATURES:
Mean Maximum= 81.4 Mean Minimum= 57.0 Average= 69.2
DFN= -1.2 DFN= -3.2 DFN= -2.2
Highest= 89 Lowest= 39

PRECIPITATION STATISTICS:
Total= 2.67 DFN= -1.96 Greatest Daily= 1.96 Rain Days= 5

AVERAGE DAILY VALUES:
Pan Evaporation= .18 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .17

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: CROSSVILLE (SAND MT) 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	76	-2	54	0	65	-1	1.86	73	64	69	NA	NA	NA	.13
10/ 2	57	-21	47	-7	52	-14	.73	66	60	63	.03	NA	NA	.03
10/ 3	60	-17	49	-4	55	-10	.04	64	60	62	NA	NA	NA	.04
10/ 4	67	-10	50	-3	59	-6	.02	69	62	66	.02	NA	NA	.08
10/ 5	78	1	47	-5	63	-2	.00	75	60	68	.12	NA	NA	.16
10/ 6	65	-11	35	-17	50	-14	.00	70	55	63	.22	NA	NA	.12
10/ 7	64	-12	36	-15	50	-14	.00	71	55	63	.17	NA	NA	.11
10/ 8	73	-2	36	-15	55	-8	.00	73	55	64	.14	NA	NA	.16
10/ 9	76	1	46	-5	61	-2	.00	74	57	66	.14	NA	NA	.15
10/10	81	6	54	4	68	5	.00	77	62	70	.14	NA	NA	.15
10/11	82	8	51	1	67	5	.00	79	62	71	.16	NA	NA	.17
10/12	85	11	52	3	69	7	.00	79	62	71	.15	NA	NA	.18
10/13	85	11	57	8	71	9	.00	79	63	71	.13	NA	NA	.17
10/14	79	6	61	13	70	9	.00	77	67	72	.08	NA	NA	.12
10/15	82	9	61	13	72	11	Trace	77	67	72	.08	NA	NA	.13
10/16	80	7	62	14	71	10	.05	77	68	73	.12	NA	NA	.12
10/17	80	8	51	4	66	6	.00	79	65	72	.14	NA	NA	.15
10/18	75	3	62	15	69	9	.03	73	65	69	.08	NA	NA	.08
10/19	80	9	61	15	71	12	.00	76	66	71	.11	NA	NA	.12
10/20	82	11	57	11	70	11	.00	79	66	73	.12	NA	NA	.14
10/21	82	11	57	11	70	11	Trace	78	66	72	.09	NA	NA	.14
10/22	72	2	59	14	66	8	1.13	71	68	70	.05	NA	NA	.07
10/23	67	-3	59	14	63	5	.25	70	65	68	.01	NA	NA	.04
10/24	65	-5	59	14	62	4	.07	67	66	67	.03	NA	NA	.03
10/25	69	0	60	16	65	8	.02	70	66	68	.02	NA	NA	.05
10/26	76	7	56	12	66	9	.00	75	65	70	.08	NA	NA	.10
10/27	74	6	56	12	65	9	.00	71	60	66	.20	NA	NA	.09
10/28	64	-4	55	11	60	4	.45	64	60	62	.01	NA	NA	.03
10/29	70	2	53	10	62	6	.01	66	60	63	.10	NA	NA	.07
10/30	64	-3	51	8	58	3	.00	63	58	61	.15	NA	NA	.04
10/31	60	-7	51	8	56	1	.62	60	58	59	.03	NA	NA	.01

AIR TEMPERATURES:
Mean Maximum= 73.2 Mean Minimum= 53.1 Average= 63.1
DFN= +.7 DFN= +5.2 DFN= +2.9
Highest= 85 Lowest= 35

PRECIPITATION STATISTICS:
Total= 5.28 DFN= +2.39 Greatest Daily= 1.86 Rain Days= 13

AVERAGE DAILY VALUES:
Pan Evaporation= .10 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .10

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: CROSSVILLE (SAND MT) 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	65	-1	54	12	60	6	.57	62	59	61	NA	NA	NA	.03
11/ 2	65	-1	50	8	58	4	.06	65	60	63	NA	NA	NA	.05
11/ 3	57	-9	50	8	54	0	.16	61	60	61	NA	NA	NA	.00
11/ 4	55	-10	41	-1	48	-6	.03	59	54	57	NA	NA	NA	.01
11/ 5	53	-12	37	-4	45	-8	.00	54	48	51	NA	NA	NA	.01
11/ 6	58	-7	32	-9	45	-8	.00	56	48	52	NA	NA	NA	.06
11/ 7	67	3	34	-7	51	-2	.00	62	48	55	NA	NA	NA	.11
11/ 8	58	-6	27	-14	43	-10	Trace	56	45	51	NA	NA	NA	.07
11/ 9	64	1	29	-11	47	-5	.00	60	48	54	NA	NA	NA	.10
11/10	68	5	47	7	58	6	.00	61	48	55	NA	NA	NA	.07
11/11	74	11	50	10	62	10	.00	65	51	58	NA	NA	NA	.10
11/12	77	15	55	15	66	15	.00	68	55	62	NA	NA	NA	.10
11/13	79	17	58	19	69	18	.00	68	59	64	NA	NA	NA	.10
11/14	70	8	51	12	61	10	.00	65	58	62	NA	NA	NA	.07
11/15	75	14	54	15	65	15	.00	67	58	63	NA	NA	NA	.09
11/16	77	16	57	18	67	17	.00	68	59	64	NA	NA	NA	.09
11/17	74	13	56	18	65	15	.15	67	62	65	NA	NA	NA	.07
11/18	76	16	56	18	66	17	.00	70	61	66	NA	NA	NA	.09
11/19	80	20	57	19	69	20	.00	69	61	65	NA	NA	NA	.11
11/20	78	18	59	21	69	20	Trace	69	62	66	NA	NA	NA	.09
11/21	67	8	46	9	57	9	.08	67	58	63	NA	NA	NA	.06
11/22	60	1	47	10	54	6	.41	61	58	60	NA	NA	NA	.01
11/23	61	2	32	-5	47	-1	.00	64	50	57	NA	NA	NA	.06
11/24	68	10	39	2	54	6	.00	62	50	56	NA	NA	NA	.09
11/25	70	12	52	15	61	13	Trace	64	55	60	NA	NA	NA	.06
11/26	67	9	55	19	61	14	.00	63	58	61	NA	NA	NA	.03
11/27	70	12	60	24	65	18	.07	64	61	63	NA	NA	NA	.03
11/28	75	18	60	24	68	21	1.48	68	64	66	NA	NA	NA	.06
11/29	67	10	54	18	61	14	.22	65	61	63	NA	NA	NA	.03
11/30	63	6	55	20	59	13	.13	63	61	62	NA	NA	NA	.00

AIR TEMPERATURES:
Mean Maximum= 67.9 Mean Minimum= 48.5 Average= 58.2
DFN= +6.6 DFN= +9.7 DFN= +8.2
Highest= 80 Lowest= 27

PRECIPITATION STATISTICS:
Total= 3.36 DFN= -.72 Greatest Daily= 1.48 Rain Days= 11

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .06

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: CROSSVILLE (SAND MT) 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	71	15	53	18	62	16	Trace	67	60	64	NA	NA	NA	.06
12/ 2	63	7	27	-8	45	-1	.74	62	46	54	NA	NA	NA	.09
12/ 3	36	-20	19	-16	28	-18	.00	51	40	46	NA	NA	NA	.00
12/ 4	43	-12	19	-16	31	-14	.00	50	40	45	NA	NA	NA	.00
12/ 5	49	-6	32	-2	41	-4	.02	50	40	45	NA	NA	NA	.00
12/ 6	48	-7	28	-6	38	-7	.10	50	41	46	NA	NA	NA	.00
12/ 7	41	-14	21	-13	31	-14	.00	48	38	43	NA	NA	NA	.00
12/ 8	52	-2	25	-9	39	-5	.00	49	38	44	NA	NA	NA	.02
12/ 9	57	3	35	1	46	2	.00	50	41	46	NA	NA	NA	.02
12/10	68	14	40	6	54	10	.00	58	45	52	NA	NA	NA	.08
12/11	68	14	47	14	58	14	.00	58	48	53	NA	NA	NA	.05
12/12	68	15	52	19	60	17	.33	58	51	55	NA	NA	NA	.04
12/13	59	6	45	12	52	9	1.02	51	49	50	NA	NA	NA	.00
12/14	51	-2	14	-19	33	-10	.02	55	39	47	NA	NA	NA	.05
12/15	28	-25	11	-22	20	-23	.00	43	37	40	NA	NA	NA	.00
12/16	40	-13	11	-22	26	-17	.00	42	36	39	NA	NA	NA	.00
12/17	50	-2	22	-11	36	-7	.00	47	36	42	NA	NA	NA	.02
12/18	53	1	26	-6	40	-2	.00	48	37	43	NA	NA	NA	.03
12/19	37	-15	10	-22	24	-18	.00	43	35	39	NA	NA	NA	.00
12/20	40	-12	12	-20	26	-16	.00	41	34	38	NA	NA	NA	.00
12/21	36	-16	13	-19	25	-17	Trace	38	35	37	NA	NA	NA	.00
12/22	34	-17	14	-18	24	-18	.00	38	35	37	NA	NA	NA	.00
12/23	55	4	23	-9	39	-3	.00	44	35	40	NA	NA	NA	.05
12/24	58	7	32	0	45	3	.00	49	39	44	NA	NA	NA	.04
12/25	48	-3	11	-21	30	-12	.00	56	36	46	NA	NA	NA	.04
12/26	20	-31	5	-26	13	-28	.00	36	33	35	NA	NA	NA	.00
12/27	35	-15	8	-23	22	-19	.00	33	33	33	NA	NA	NA	.00
12/28	52	2	24	-7	38	-3	.00	39	33	36	NA	NA	NA	.03
12/29	47	-3	18	-13	33	-8	.00	45	35	40	NA	NA	NA	.01
12/30	45	-5	17	-14	31	-10	.00	43	35	39	NA	NA	NA	.00
12/31	51	1	19	-12	35	-6	.20	43	35	39	NA	NA	NA	.04

AIR TEMPERATURES:
Mean Maximum= 48.5 Mean Minimum= 23.6 Average= 36.1
DFN= -4.2 DFN= -9.2 DFN= -6.7
Highest= 71 Lowest= 5

PRECIPITATION STATISTICS:
Total= 2.43 DFN= -3.01 Greatest Daily= 1.02 Rain Days= 7

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .02

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: FAIRHOPE 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
01/ 1	74	12	46	4	60	8	.67	73	68	71	.12	NA	NA	.10
01/ 2	74	12	46	4	60	8	.50	71	62	67	.09	NA	NA	.10
01/ 3	48	-14	40	-2	44	-8	.61	62	53	58	.03	NA	NA	.00
01/ 4	43	-19	31	-11	37	-15	.03	54	45	50	NA	NA	NA	.00
01/ 5	45	-17	27	-15	36	-16	.00	50	41	46	NA	NA	NA	.00
01/ 6	50	-12	29	-13	40	-12	.00	50	41	46	NA	NA	NA	.01
01/ 7	58	-4	32	-10	45	-7	.00	53	41	47	NA	NA	NA	.05
01/ 8	63	1	37	-5	50	-2	.00	52	46	49	.09	NA	NA	.07
01/ 9	57	-5	34	-7	46	-6	.00	55	44	50	.09	NA	NA	.04
01/10	63	1	35	-6	49	-3	.00	55	44	50	.08	NA	NA	.07
01/11	71	10	45	4	58	7	.00	60	47	54	.09	NA	NA	.09
01/12	49	-12	29	-12	39	-12	.00	54	43	49	NA	NA	NA	.00
01/13	43	-18	28	-13	36	-15	.00	47	42	45	NA	NA	NA	.00
01/14	44	-17	31	-10	38	-13	.00	48	42	45	NA	NA	NA	.00
01/15	53	-8	33	-8	43	-8	.00	52	43	48	.06	NA	NA	.02
01/16	54	-7	33	-8	44	-7	.00	52	43	48	.07	NA	NA	.02
01/17	67	5	37	-4	52	0	.79	50	43	47	.11	NA	NA	.09
01/18	55	-7	33	-8	44	-8	.00	56	46	51	.09	NA	NA	.03
01/19	53	-9	33	-8	43	-9	.00	53	46	50	.07	NA	NA	.02
01/20	58	-4	30	-11	44	-8	.07	56	45	51	NA	NA	NA	.06
01/21	33	-29	5	-36	19	-33	Trace	48	36	42	NA	NA	NA	.00
01/22	28	-34	5	-36	17	-35	.00	36	35	36	NA	NA	NA	.00
01/23	46	-16	21	-20	34	-18	.00	37	34	36	NA	NA	NA	.01
01/24	53	-9	27	-14	40	-12	.08	47	36	42	NA	NA	NA	.04
01/25	48	-14	39	-3	44	-8	.39	47	41	44	NA	NA	NA	.00
01/26	60	-2	25	-17	43	-9	Trace	56	42	49	NA	NA	NA	.09
01/27	44	-18	25	-17	35	-17	.00	48	39	44	NA	NA	NA	.00
01/28	62	0	32	-10	47	-5	1.43	50	39	45	NA	NA	NA	.08
01/29	54	-8	30	-12	42	-10	.00	53	42	48	NA	NA	NA	.04
01/30	54	-8	31	-11	43	-9	.00	52	42	47	NA	NA	NA	.04
01/31	69	7	52	10	61	9	.51	59	49	54	.01	NA	NA	.07

AIR TEMPERATURES:
Mean Maximum= 54.0 Mean Minimum= 31.6 Average= 42.8
DFN= -7.8 DFN= -9.8 DFN= -8.8
Highest= 74 Lowest= 5

PRECIPITATION STATISTICS:
Total= 5.08 DFN= +.44 Greatest Daily= 1.43 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= .08 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .04

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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Daily Weather Observations for: FAIRHOPE 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
02/ 1	76	13	66	24	71	18	.00	67	59	63	.07	NA	NA	.07
02/ 2	70	7	33	-9	52	-1	.58	64	48	56	.07	NA	NA	.14
02/ 3	35	-28	25	-17	30	-23	.00	50	40	45	NA	NA	NA	.00
02/ 4	39	-24	26	-16	33	-20	.02	45	40	43	NA	NA	NA	.00
02/ 5	68	5	31	-11	50	-3	.21	53	40	47	NA	NA	NA	.13
02/ 6	69	6	46	4	58	5	1.60	59	53	56	NA	NA	NA	.09
02/ 7	48	-15	32	-10	40	-13	.06	55	45	50	.08	NA	NA	.00
02/ 8	53	-10	29	-13	41	-12	.00	55	42	49	NA	NA	NA	.05
02/ 9	52	-12	29	-13	41	-12	.00	55	42	49	NA	NA	NA	.04
02/10	57	-7	29	-14	43	-11	.00	55	41	48	NA	NA	NA	.07
02/11	67	3	45	2	56	2	.89	57	42	50	NA	NA	NA	.08
02/12	59	-5	32	-11	46	-8	.02	57	42	50	NA	NA	NA	.08
02/13	50	-14	31	-12	41	-13	.00	52	40	46	NA	NA	NA	.02
02/14	55	-9	34	-9	45	-9	.00	52	39	46	NA	NA	NA	.05
02/15	57	-8	35	-8	46	-8	.00	52	42	47	.08	NA	NA	.06
02/16	54	-11	29	-14	42	-12	.00	50	40	45	NA	NA	NA	.06
02/17	56	-9	31	-13	44	-11	.00	56	39	48	NA	NA	NA	.06
02/18	68	3	37	-7	53	-2	.00	59	46	53	.08	NA	NA	.12
02/19	70	5	54	10	62	7	.00	62	52	57	.11	NA	NA	.08
02/20	74	9	50	6	62	7	.00	67	55	61	.09	NA	NA	.12
02/21	74	8	50	6	62	7	.00	72	56	64	.14	NA	NA	.12
02/22	71	5	54	10	63	8	.00	71	57	64	.06	NA	NA	.09
02/23	76	10	57	12	67	11	.00	74	57	66	.16	NA	NA	.11
02/24	77	11	60	15	69	13	.00	74	60	67	.15	NA	NA	.11
02/25	70	4	57	12	64	8	2.49	67	62	65	NA	NA	NA	.08
02/26	73	6	59	14	66	10	.48	67	62	65	.05	NA	NA	.09
02/27	71	4	60	14	66	9	.64	70	64	67	.08	NA	NA	.07
02/28	64	-3	47	1	56	-1	.04	67	59	63	.11	NA	NA	.07

AIR TEMPERATURES:
Mean Maximum= 62.6 Mean Minimum= 41.7 Average= 52.2
DFN= -2.0 DFN= -1.7 DFN= -1.8
Highest= 77 Lowest= 25

PRECIPITATION STATISTICS:
Total= 7.03 DFN= +2.29 Greatest Daily= 2.49 Rain Days= 11

AVERAGE DAILY VALUES:
Pan Evaporation= .09 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .07

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
03/ 1	65	-2	47	1	56	-1	.60	66	56	61	NA	NA	NA	.08
03/ 2	61	-7	49	3	55	-2	.81	60	56	58	NA	NA	NA	.05
03/ 3	72	4	55	9	64	7	.00	71	59	65	NA	NA	NA	.10
03/ 4	76	8	57	10	67	9	.00	73	61	67	.15	NA	NA	.12
03/ 5	74	6	54	7	64	6	Trace	69	61	65	.09	NA	NA	.12
03/ 6	70	1	46	-1	58	0	.02	71	55	63	.15	NA	NA	.12
03/ 7	73	4	47	0	60	2	.00	71	55	63	.19	NA	NA	.14
03/ 8	73	4	53	5	63	4	.00	71	55	63	.08	NA	NA	.12
03/ 9	78	9	56	8	67	8	.00	74	59	67	.11	NA	NA	.14
03/10	81	11	59	11	70	11	.00	80	65	73	.14	NA	NA	.15
03/11	80	10	60	12	70	11	.00	82	65	74	.17	NA	NA	.14
03/12	77	7	63	14	70	10	.00	81	67	74	.16	NA	NA	.11
03/13	74	4	61	12	68	8	.03	73	68	71	.06	NA	NA	.10
03/14	78	7	64	15	71	11	.00	83	68	76	.17	NA	NA	.12
03/15	82	11	52	3	67	7	.00	85	68	77	.29	NA	NA	.18
03/16	70	-1	52	2	61	0	.21	73	65	69	.09	NA	NA	.11
03/17	60	-11	52	2	56	-5	.48	65	61	63	.02	NA	NA	.05
03/18	67	-4	43	-7	55	-6	.01	69	53	61	.17	NA	NA	.12
03/19	66	-6	40	-10	53	-8	.00	67	52	60	.18	NA	NA	.12
03/20	69	-3	45	-6	57	-5	.00	70	52	61	.19	NA	NA	.13
03/21	71	-1	52	1	62	0	2.45	66	54	60	NA	NA	NA	.12
03/22	72	0	56	5	64	2	.00	72	59	66	.13	NA	NA	.11
03/23	68	-5	47	-4	58	-4	.00	73	57	65	.17	NA	NA	.12
03/24	70	-3	52	0	61	-2	.00	73	58	66	.17	NA	NA	.11
03/25	75	2	52	0	64	1	.00	77	59	68	.20	NA	NA	.15
03/26	78	5	52	0	65	2	.00	80	60	70	.22	NA	NA	.17
03/27	76	2	55	3	66	3	.00	80	61	71	.16	NA	NA	.14
03/28	77	3	59	6	68	4	.33	74	62	68	.12	NA	NA	.14
03/29	78	4	65	12	72	8	.00	77	65	71	.18	NA	NA	.13
03/30	80	6	68	15	74	10	.00	78	69	74	.23	NA	NA	.13
03/31	81	6	59	6	70	6	.12	82	69	76	.21	NA	NA	.17

AIR TEMPERATURES:
Mean Maximum= 73.3 Mean Minimum= 53.9 Average= 63.6
DFN= +2.3 DFN= +4.3 DFN= +3.3
Highest= 82 Lowest= 40

PRECIPITATION STATISTICS:
Total= 5.06 DFN= -.88 Greatest Daily= 2.45 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= .16 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .12

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
04/ 1	68	-7	44	-10	56	-9	.00	72	58	65	.15	NA	NA	.13
04/ 2	72	-3	46	-8	59	-6	.02	78	58	68	.23	NA	NA	.15
04/ 3	67	-8	43	-11	55	-10	.01	77	59	68	.21	NA	NA	.13
04/ 4	71	-5	50	-4	61	-4	.00	79	59	69	.21	NA	NA	.13
04/ 5	77	1	65	10	71	5	.00	82	63	73	.25	NA	NA	.13
04/ 6	78	2	52	-3	65	-1	.25	78	65	72	.17	NA	NA	.17
04/ 7	75	-1	52	-3	64	-2	.00	78	62	70	.22	NA	NA	.16
04/ 8	80	3	52	-3	66	0	.00	83	62	73	.26	NA	NA	.19
04/ 9	71	-6	46	-9	59	-7	.00	78	60	69	.27	NA	NA	.15
04/10	71	-6	45	-11	58	-9	.00	80	60	70	.26	NA	NA	.15
04/11	73	-4	48	-8	61	-6	.00	81	60	71	.23	NA	NA	.16
04/12	78	1	52	-4	65	-2	.00	78	61	70	.13	NA	NA	.18
04/13	75	-3	60	4	68	1	Trace	75	66	71	.16	NA	NA	.13
04/14	75	-3	59	2	67	-1	.00	76	66	71	.07	NA	NA	.14
04/15	76	-2	60	3	68	0	.08	84	67	76	.24	NA	NA	.14
04/16	77	-1	61	4	69	1	.06	80	67	74	.22	NA	NA	.14
04/17	79	0	53	-4	66	-2	.00	83	65	74	.13	NA	NA	.18
04/18	81	2	57	-1	69	0	.00	87	65	76	.28	NA	NA	.18
04/19	85	6	56	-2	71	2	.00	89	68	79	.23	NA	NA	.21
04/20	84	5	60	2	72	3	.00	88	70	79	.22	NA	NA	.19
04/21	82	3	56	-2	69	0	.00	87	71	79	.19	NA	NA	.19
04/22	85	5	60	1	73	3	.00	89	71	80	.24	NA	NA	.20
04/23	82	2	65	6	74	4	.00	88	73	81	.23	NA	NA	.17
04/24	85	5	68	9	77	7	.07	93	75	84	.24	NA	NA	.18
04/25	77	-3	63	4	70	0	.48	80	71	76	.09	NA	NA	.14
04/26	82	1	66	7	74	4	.01	82	71	77	.14	NA	NA	.17
04/27	81	0	68	8	75	4	.03	79	72	76	.13	NA	NA	.15
04/28	84	3	66	6	75	4	.00	83	72	78	.11	NA	NA	.18
04/29	86	5	66	6	76	5	.00	92	72	82	.25	NA	NA	.19
04/30	89	8	67	7	78	7	.00	95	76	86	.17	NA	NA	.21

AIR TEMPERATURES:
Mean Maximum= 78.2 Mean Minimum= 56.9 Average= 67.5
DFN= +.0 DFN= -.1 DFN= -.1
Highest= 89 Lowest= 43

PRECIPITATION STATISTICS:
Total= 1.01 DFN= -3.90 Greatest Daily= .48 Rain Days= 9

AVERAGE DAILY VALUES:
Pan Evaporation= .20 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .16

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
05/ 1	83	1	68	7	76	4	.00	89	76	83	.26	NA	NA	.17
05/ 2	80	-2	62	1	71	-1	5.59	81	72	77	NA	NA	NA	.17
05/ 3	83	1	64	3	74	2	.00	84	71	78	.22	NA	NA	.18
05/ 4	75	-7	57	-4	66	-6	.00	77	67	72	.13	NA	NA	.15
05/ 5	81	-1	59	-2	70	-2	.00	80	67	74	.18	NA	NA	.18
05/ 6	82	-1	61	-1	72	-1	.00	78	68	73	.22	NA	NA	.19
05/ 7	84	1	62	0	73	0	.00	90	71	81	.21	NA	NA	.20
05/ 8	85	2	66	4	76	3	.00	94	75	85	.25	NA	NA	.19
05/ 9	86	3	64	2	75	2	1.33	94	75	85	NA	NA	NA	.20
05/10	81	-2	65	3	73	0	.00	88	75	82	.22	NA	NA	.17
05/11	84	0	67	4	76	2	.00	85	74	80	.16	NA	NA	.18
05/12	85	1	66	3	76	2	.00	90	74	82	.21	NA	NA	.19
05/13	85	1	65	2	75	1	.00	95	75	85	.23	NA	NA	.19
05/14	84	0	65	2	75	1	.00	90	76	83	.17	NA	NA	.19
05/15	87	3	65	1	76	2	.00	95	76	86	.25	NA	NA	.21
05/16	88	3	59	-5	74	-1	.00	98	77	88	.33	NA	NA	.23
05/17	88	3	60	-4	74	-1	.00	97	76	87	.36	NA	NA	.23
05/18	82	-3	57	-7	70	-5	.00	93	76	85	.26	NA	NA	.20
05/19	79	-6	59	-5	69	-6	.00	94	76	85	.33	NA	NA	.18
05/20	83	-2	65	0	74	-1	.00	93	76	85	.23	NA	NA	.18
05/21	87	1	66	1	77	1	.00	97	77	87	.26	NA	NA	.21
05/22	85	-1	66	1	76	0	.76	93	78	86	.20	NA	NA	.19
05/23	84	-2	70	5	77	1	.13	85	78	82	.20	NA	NA	.17
05/24	81	-5	66	0	74	-2	.04	84	74	79	.14	NA	NA	.17
05/25	83	-3	59	-7	71	-5	.00	87	72	80	.27	NA	NA	.20
05/26	84	-3	58	-8	71	-6	.00	93	72	83	.29	NA	NA	.21
05/27	85	-2	59	-7	72	-5	.00	95	74	85	.29	NA	NA	.22
05/28	85	-2	60	-6	73	-4	.00	95	75	85	.27	NA	NA	.21
05/29	85	-2	64	-3	75	-2	.00	97	75	86	.28	NA	NA	.20
05/30	87	0	69	2	78	1	.00	97	80	89	.27	NA	NA	.20
05/31	86	-2	74	7	80	2	.00	97	82	90	.28	NA	NA	.18

AIR TEMPERATURES:
Mean Maximum= 83.8 Mean Minimum= 63.5 Average= 73.6
DFN= -.8 DFN= -.4 DFN= -.6
Highest= 88 Lowest= 57

PRECIPITATION STATISTICS:
Total= 7.85 DFN= +2.86 Greatest Daily= 5.59 Rain Days= 5

AVERAGE DAILY VALUES:
Pan Evaporation= .24 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .19

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
06/ 1	87	-1	76	9	82	4	.00	99	83	91	.29	NA	NA	.18
06/ 2	90	2	77	9	84	6	.00	100	84	92	.26	NA	NA	.19
06/ 3	91	3	77	9	84	6	.00	101	85	93	.28	NA	NA	.20
06/ 4	92	4	77	9	85	7	.00	104	85	95	.30	NA	NA	.20
06/ 5	94	5	77	9	86	7	.00	105	86	96	.32	NA	NA	.22
06/ 6	94	5	77	9	86	7	.00	104	86	95	.29	NA	NA	.22
06/ 7	95	6	77	8	86	7	.00	104	86	95	.31	NA	NA	.22
06/ 8	90	1	76	7	83	4	.00	99	86	93	.26	NA	NA	.20
06/ 9	90	1	72	3	81	2	.00	100	87	94	.28	NA	NA	.21
06/10	92	3	73	4	83	4	.00	103	86	95	.28	NA	NA	.22
06/11	90	1	77	8	84	5	Trace	97	86	92	.24	NA	NA	.19
06/12	82	-8	71	2	77	-3	.83	88	80	84	.18	NA	NA	.16
06/13	84	-6	63	-7	74	-6	.65	87	75	81	.15	NA	NA	.20
06/14	82	-8	64	-6	73	-7	.00	88	75	82	.24	NA	NA	.18
06/15	80	-10	66	-4	73	-7	.20	80	74	77	.10	NA	NA	.16
06/16	78	-12	70	0	74	-6	5.34	78	75	77	NA	NA	NA	.14
06/17	86	-4	71	1	79	-1	.00	90	75	83	.26	NA	NA	.19
06/18	87	-3	73	3	80	0	.26	89	79	84	.19	NA	NA	.19
06/19	85	-5	65	-5	75	-5	.17	87	77	82	.17	NA	NA	.20
06/20	85	-5	67	-4	76	-5	.00	88	76	82	.19	NA	NA	.19
06/21	84	-6	67	-4	76	-5	.00	87	76	82	.19	NA	NA	.19
06/22	83	-7	68	-3	76	-5	.00	84	75	80	.20	NA	NA	.18
06/23	89	-1	69	-2	79	-2	.00	99	75	87	.20	NA	NA	.21
06/24	91	1	70	-1	81	0	.00	99	75	87	.20	NA	NA	.22
06/25	92	2	70	-1	81	0	.15	101	82	92	.26	NA	NA	.23
06/26	92	2	71	0	82	1	.00	97	82	90	.27	NA	NA	.22
06/27	92	2	71	0	82	1	.41	100	81	91	.29	NA	NA	.22
06/28	91	0	73	2	82	1	.07	93	80	87	.27	NA	NA	.21
06/29	90	-1	71	-1	81	-1	.00	97	80	89	.26	NA	NA	.21
06/30	86	-5	69	-3	78	-4	.00	95	80	88	.23	NA	NA	.19

AIR TEMPERATURES:
Mean Maximum= 88.1 Mean Minimum= 71.5 Average= 79.8
DFN= -1.5 DFN= +1.7 DFN= +.1
Highest= 95 Lowest= 63

PRECIPITATION STATISTICS:
Total= 8.08 DFN= +2.15 Greatest Daily= 5.34 Rain Days= 9

AVERAGE DAILY VALUES:
Pan Evaporation= .24 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .20

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
07/ 1	88	-3	68	-4	78	-4	.00	98	80	89	.33	NA	NA	.21
07/ 2	89	-2	66	-6	78	-4	.14	99	81	90	.33	NA	NA	.22
07/ 3	86	-4	66	-6	76	-5	.02	92	80	86	.13	NA	NA	.20
07/ 4	89	-1	74	2	82	1	.00	100	80	90	.31	NA	NA	.20
07/ 5	89	-1	71	-1	80	-1	.08	97	83	90	.23	NA	NA	.21
07/ 6	82	-8	69	-3	76	-5	.54	87	80	84	.11	NA	NA	.17
07/ 7	78	-12	70	-2	74	-7	.88	80	70	75	NA	NA	NA	.14
07/ 8	77	-13	69	-3	73	-8	1.28	78	75	77	.14	NA	NA	.14
07/ 9	86	-4	70	-2	78	-3	.01	89	75	82	.16	NA	NA	.19
07/10	92	2	75	3	84	3	.00	93	76	85	.28	NA	NA	.21
07/11	91	1	74	2	83	2	Trace	97	79	88	.23	NA	NA	.21
07/12	92	2	70	-2	81	0	.00	98	81	90	.28	NA	NA	.23
07/13	93	3	72	0	83	2	.00	102	82	92	.27	NA	NA	.23
07/14	90	0	72	0	81	0	.00	100	85	93	.16	NA	NA	.21
07/15	88	-2	72	0	80	-1	.75	90	81	86	.21	NA	NA	.19
07/16	88	-2	70	-2	79	-2	Trace	93	79	86	.25	NA	NA	.20
07/17	90	0	70	-2	80	-1	Trace	92	79	86	.23	NA	NA	.21
07/18	88	-3	72	0	80	-2	.00	94	80	87	.18	NA	NA	.19
07/19	90	-1	74	1	82	0	.30	95	81	88	.18	NA	NA	.20
07/20	85	-6	73	0	79	-3	Trace	87	80	84	.10	NA	NA	.17
07/21	88	-3	73	0	81	-1	.12	91	80	86	.18	NA	NA	.19
07/22	92	1	73	0	83	1	.02	93	80	87	.21	NA	NA	.21
07/23	89	-2	70	-3	80	-2	.33	88	78	83	.10	NA	NA	.21
07/24	87	-4	70	-3	79	-3	.53	85	77	81	.09	NA	NA	.19
07/25	79	-12	71	-2	75	-7	1.90	80	76	78	NA	NA	NA	.14
07/26	79	-12	72	-1	76	-6	.27	79	77	78	.04	NA	NA	.13
07/27	84	-7	73	0	79	-3	.39	85	78	82	.07	NA	NA	.16
07/28	85	-6	73	1	79	-3	.14	85	78	82	.13	NA	NA	.17
07/29	88	-3	73	1	81	-1	.30	91	78	85	.22	NA	NA	.19
07/30	88	-3	74	2	81	-1	.00	90	80	85	.20	NA	NA	.18
07/31	89	-2	74	2	82	0	.00	90	80	85	.18	NA	NA	.19

AIR TEMPERATURES:
Mean Maximum= 87.1 Mean Minimum= 71.4 Average= 79.2
DFN= -3.5 DFN= -.9 DFN= -2.2
Highest= 93 Lowest= 66

PRECIPITATION STATISTICS:
Total= 8.00 DFN= +.19 Greatest Daily= 1.90 Rain Days= 18

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

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: FAIRHOPE 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
08/ 1	91	0	75	3	83	1	.03	93	78	86	.20	NA	NA	.20
08/ 2	91	0	75	3	83	1	.54	93	81	87	.23	NA	NA	.20
08/ 3	93	2	73	1	83	1	.04	93	81	87	.24	NA	NA	.22
08/ 4	89	-2	72	0	81	-1	.27	88	80	84	.15	NA	NA	.20
08/ 5	88	-3	72	0	80	-2	.00	90	79	85	.23	NA	NA	.19
08/ 6	83	-8	73	1	78	-4	.43	85	78	82	.11	NA	NA	.15
08/ 7	88	-3	74	2	81	-1	.00	90	79	85	.22	NA	NA	.18
08/ 8	88	-3	71	-1	80	-2	.05	90	78	84	.13	NA	NA	.19
08/ 9	89	-2	70	-2	80	-2	Trace	93	78	86	.21	NA	NA	.20
08/10	93	2	71	-1	82	0	.10	95	79	87	.24	NA	NA	.22
08/11	94	3	74	2	84	2	.00	95	81	88	.26	NA	NA	.22
08/12	94	3	71	-1	83	1	.34	97	80	89	.20	NA	NA	.23
08/13	90	-1	72	0	81	-1	Trace	91	80	86	.16	NA	NA	.20
08/14	90	0	74	2	82	1	.46	90	80	85	.12	NA	NA	.19
08/15	89	-1	72	0	81	0	.33	88	80	84	.20	NA	NA	.19
08/16	85	-5	74	2	80	-1	.85	85	80	83	.12	NA	NA	.16
08/17	89	-1	78	6	84	3	.00	90	80	85	.21	NA	NA	.17
08/18	92	2	72	0	82	1	.46	93	80	87	.23	NA	NA	.21
08/19	92	2	73	1	83	2	.16	92	80	86	.21	NA	NA	.20
08/20	92	2	74	2	83	2	.00	92	80	86	.21	NA	NA	.20
08/21	92	2	74	2	83	2	.00	92	79	86	.20	NA	NA	.20
08/22	93	3	74	2	84	3	.00	95	81	88	.24	NA	NA	.21
08/23	94	4	74	2	84	3	.00	99	82	91	.23	NA	NA	.21
08/24	93	3	74	2	84	3	.00	96	84	90	.23	NA	NA	.21
08/25	92	2	70	-2	81	0	.96	99	80	90	.20	NA	NA	.21
08/26	88	-2	70	-1	79	-2	.29	94	80	87	.24	NA	NA	.19
08/27	78	-12	70	-1	74	-7	.07	82	78	80	.07	NA	NA	.12
08/28	84	-6	71	0	78	-3	.00	83	70	77	.09	NA	NA	.16
08/29	88	-2	72	1	80	-1	.31	87	77	82	.16	NA	NA	.18
08/30	89	-1	72	1	81	0	.09	87	77	82	.15	NA	NA	.18
08/31	88	-1	69	-2	79	-1	.00	85	77	81	NA	NA	NA	.19

AIR TEMPERATURES:
Mean Maximum= 89.6 Mean Minimum= 72.6 Average= 81.1
DFN= -.7 DFN= +.8 DFN= +.0
Highest= 94 Lowest= 69

PRECIPITATION STATISTICS:
Total= 5.78 DFN= -.23 Greatest Daily= .96 Rain Days= 18

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

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: FAIRHOPE 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
09/ 1	92	3	69	-2	81	1	.00	90	77	84	NA	NA	NA	.21
09/ 2	90	1	72	1	81	1	2.71	90	76	83	NA	NA	NA	.19
09/ 3	83	-6	73	2	78	-2	.53	81	77	79	NA	NA	NA	.14
09/ 4	87	-2	71	0	79	-1	.00	89	77	83	.22	NA	NA	.17
09/ 5	89	0	71	0	80	0	.00	92	77	85	.22	NA	NA	.18
09/ 6	88	-1	70	-1	79	-1	.00	88	78	83	.15	NA	NA	.18
09/ 7	90	1	71	1	81	1	.00	93	77	85	NA	NA	NA	.19
09/ 8	92	3	67	-3	80	0	.47	98	80	89	.24	NA	NA	.21
09/ 9	90	2	69	-1	80	1	Trace	92	78	85	.10	NA	NA	.19
09/10	90	2	65	-5	78	-1	.00	92	78	85	.20	NA	NA	.21
09/11	90	2	65	-5	78	-1	.00	91	77	84	.28	NA	NA	.20
09/12	93	5	73	3	83	4	.00	97	79	88	.24	NA	NA	.20
09/13	93	5	71	2	82	3	.00	98	82	90	.26	NA	NA	.20
09/14	91	3	65	-4	78	-1	.00	96	80	88	.23	NA	NA	.21
09/15	83	-5	55	-14	69	-10	.00	93	75	84	.26	NA	NA	.19
09/16	83	-4	57	-12	70	-8	.00	92	75	84	.19	NA	NA	.18
09/17	86	-1	64	-4	75	-3	.00	92	77	85	.20	NA	NA	.18
09/18	88	1	65	-3	77	-1	.00	93	77	85	.21	NA	NA	.19
09/19	89	2	65	-3	77	-1	.00	95	77	86	.25	NA	NA	.19
09/20	88	1	65	-3	77	-1	.00	95	79	87	.26	NA	NA	.19
09/21	89	3	67	0	78	1	.00	95	80	88	.22	NA	NA	.18
09/22	90	4	67	0	79	2	.08	95	80	88	.22	NA	NA	.19
09/23	81	-5	72	6	77	1	1.01	85	79	82	.07	NA	NA	.12
09/24	82	-4	72	6	77	1	.94	80	78	79	.07	NA	NA	.12
09/25	82	-3	69	3	76	0	.26	83	76	80	.10	NA	NA	.13
09/26	85	0	68	3	77	2	Trace	85	76	81	.10	NA	NA	.15
09/27	84	-1	56	-9	70	-5	.00	85	70	78	.23	NA	NA	.18
09/28	75	-10	54	-11	65	-10	.00	80	66	73	.24	NA	NA	.13
09/29	82	-3	56	-8	69	-6	.00	87	67	77	.17	NA	NA	.17
09/30	84	0	68	4	76	2	.01	84	70	77	.12	NA	NA	.14

AIR TEMPERATURES:
Mean Maximum= 87.0 Mean Minimum= 66.4 Average= 76.7
DFN= -.2 DFN= -1.9 DFN= -1.1
Highest= 93 Lowest= 54

PRECIPITATION STATISTICS:
Total= 6.01 DFN= -1.17 Greatest Daily= 2.71 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= .19 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .18

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: FAIRHOPE 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	84	0	70	7	77	3	1.42	92	75	84	.12	NA	NA	.14
10/ 2	74	-10	55	-8	65	-9	.02	70	68	69	.13	NA	NA	.12
10/ 3	71	-12	51	-11	61	-12	.00	73	68	71	.07	NA	NA	.11
10/ 4	78	-5	62	0	70	-3	.01	81	68	75	.07	NA	NA	.12
10/ 5	85	2	64	3	75	3	.00	84	71	78	.15	NA	NA	.16
10/ 6	73	-10	48	-13	61	-11	.00	76	65	71	.24	NA	NA	.13
10/ 7	71	-11	48	-12	60	-11	.00	80	63	72	.18	NA	NA	.12
10/ 8	77	-5	49	-11	63	-8	.00	82	63	73	.10	NA	NA	.15
10/ 9	84	2	50	-10	67	-4	.00	83	65	74	.24	NA	NA	.19
10/10	85	3	65	6	75	4	.00	86	70	78	.14	NA	NA	.15
10/11	85	4	62	3	74	4	.00	90	73	82	.19	NA	NA	.16
10/12	88	7	62	4	75	5	.00	89	74	82	.18	NA	NA	.18
10/13	84	3	64	6	74	4	.00	88	74	81	.13	NA	NA	.15
10/14	87	7	66	8	77	8	.00	90	76	83	.18	NA	NA	.16
10/15	87	7	66	9	77	8	.00	91	76	84	.16	NA	NA	.16
10/16	91	11	69	12	80	11	.01	92	78	85	.18	NA	NA	.17
10/17	85	6	68	11	77	9	.21	87	75	81	.09	NA	NA	.14
10/18	88	9	69	13	79	11	.00	85	75	80	.18	NA	NA	.15
10/19	84	5	68	12	76	8	.00	82	74	78	.11	NA	NA	.13
10/20	87	9	67	11	77	10	.00	84	74	79	.11	NA	NA	.15
10/21	84	6	64	9	74	7	.02	84	74	79	.10	NA	NA	.14
10/22	86	8	66	11	76	9	.00	87	74	81	.14	NA	NA	.15
10/23	87	9	67	12	77	10	.00	87	75	81	.12	NA	NA	.15
10/24	85	8	69	15	77	11	.00	86	76	81	.13	NA	NA	.13
10/25	85	8	66	12	76	10	.09	84	74	79	.11	NA	NA	.14
10/26	83	6	66	12	75	9	.00	84	74	79	.19	NA	NA	.12
10/27	80	4	61	8	71	6	.76	79	70	75	NA	NA	NA	.12
10/28	75	-1	62	9	69	4	3.37	71	70	71	NA	NA	NA	.08
10/29	81	6	72	19	77	13	.26	78	71	75	.09	NA	NA	.09
10/30	77	2	64	12	71	7	5.85	74	70	72	NA	NA	NA	.09
10/31	75	0	64	12	70	6	1.06	74	70	72	NA	NA	NA	.08

AIR TEMPERATURES:
Mean Maximum= 82.1 Mean Minimum= 62.7 Average= 72.4
DFN= +2.5 DFN= +5.5 DFN= +4.0
Highest= 91 Lowest= 48

PRECIPITATION STATISTICS:
Total= 13.08 DFN= +9.95 Greatest Daily= 5.85 Rain Days= 12

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

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: FAIRHOPE 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	71	-3	58	6	65	2	.93	71	67	69	.04	NA	NA	.07
11/ 2	69	-5	56	4	63	0	.00	70	64	67	.06	NA	NA	.06
11/ 3	66	-8	56	5	61	-2	.21	66	64	65	.06	NA	NA	.04
11/ 4	63	-10	48	-3	56	-6	.00	65	56	61	.07	NA	NA	.05
11/ 5	63	-10	45	-6	54	-8	.00	63	55	59	.17	NA	NA	.06
11/ 6	65	-8	39	-12	52	-10	.00	63	53	58	.14	NA	NA	.09
11/ 7	69	-3	41	-9	55	-6	.00	66	53	60	.08	NA	NA	.11
11/ 8	77	5	46	-4	62	1	.06	68	57	63	.12	NA	NA	.14
11/ 9	70	-2	47	-3	59	-2	.00	67	56	62	.14	NA	NA	.09
11/10	78	7	50	0	64	3	.00	70	56	63	.07	NA	NA	.13
11/11	80	9	58	9	69	9	.00	74	62	68	.09	NA	NA	.12
11/12	83	12	60	11	72	12	.00	75	64	70	.12	NA	NA	.13
11/13	81	10	64	15	73	13	.00	77	67	72	.11	NA	NA	.10
11/14	80	10	63	14	72	12	.00	78	70	74	.08	NA	NA	.10
11/15	81	11	67	19	74	15	.00	76	69	73	.08	NA	NA	.09
11/16	83	13	64	16	74	15	.00	80	71	76	.10	NA	NA	.12
11/17	82	13	65	17	74	15	.00	80	71	76	.11	NA	NA	.10
11/18	82	13	65	17	74	15	Trace	80	72	76	.10	NA	NA	.10
11/19	81	12	65	17	73	14	.00	78	72	75	.10	NA	NA	.10
11/20	81	12	67	20	74	16	.00	79	72	76	.12	NA	NA	.09
11/21	76	8	60	13	68	10	Trace	76	70	73	.14	NA	NA	.08
11/22	67	-1	56	9	62	4	.04	70	66	68	.08	NA	NA	.04
11/23	69	1	53	6	61	3	.00	73	63	68	.07	NA	NA	.06
11/24	74	6	52	5	63	5	.00	73	63	68	.10	NA	NA	.09
11/25	76	9	56	10	66	9	.00	72	63	68	.05	NA	NA	.09
11/26	82	15	65	19	74	17	.00	76	68	72	.09	NA	NA	.10
11/27	79	12	65	19	72	15	.00	77	69	73	.08	NA	NA	.08
11/28	81	14	68	22	75	18	.16	78	66	72	.10	NA	NA	.08
11/29	80	13	65	19	73	16	.74	76	70	73	.13	NA	NA	.09
11/30	73	7	62	16	68	12	.84	73	69	71	.03	NA	NA	.05

AIR TEMPERATURES:
Mean Maximum= 75.4 Mean Minimum= 57.5 Average= 66.5
DFN= +5.4 DFN= +9.0 DFN= +7.2
Highest= 83 Lowest= 39

PRECIPITATION STATISTICS:
Total= 2.98 DFN= -.77 Greatest Daily= .93 Rain Days= 7

AVERAGE DAILY VALUES:
Pan Evaporation= .09 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .09

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: FAIRHOPE 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	73	7	62	17	68	12	.00	73	69	71	.02	NA	NA	.05
12/ 2	78	12	40	-5	59	3	.34	73	60	67	.18	NA	NA	.15
12/ 3	54	-12	30	-15	42	-14	.00	61	49	55	NA	NA	NA	.03
12/ 4	56	-10	31	-14	44	-12	.00	57	48	53	NA	NA	NA	.04
12/ 5	64	-1	37	-8	51	-4	.00	58	47	53	.08	NA	NA	.07
12/ 6	66	1	40	-4	53	-2	.00	61	50	56	.10	NA	NA	.07
12/ 7	60	-5	35	-9	48	-7	.00	55	47	51	.12	NA	NA	.05
12/ 8	64	-1	35	-9	50	-5	.00	57	47	52	.07	NA	NA	.08
12/ 9	70	5	48	4	59	4	.00	60	42	51	.06	NA	NA	.07
12/10	76	11	55	11	66	11	.00	66	54	60	.05	NA	NA	.09
12/11	76	12	57	13	67	13	.00	68	58	63	.09	NA	NA	.08
12/12	79	15	63	19	71	17	.58	71	63	67	.08	NA	NA	.08
12/13	76	12	62	18	69	15	1.23	67	65	66	.03	NA	NA	.07
12/14	64	0	30	-13	47	-7	.01	65	48	57	NA	NA	NA	.09
12/15	42	-22	21	-22	32	-22	.00	50	42	46	NA	NA	NA	.00
12/16	46	-18	22	-21	34	-20	.00	49	41	45	NA	NA	NA	.00
12/17	53	-11	28	-15	41	-13	.00	49	41	45	NA	NA	NA	.03
12/18	59	-4	36	-7	48	-5	.00	49	41	45	NA	NA	NA	.04
12/19	55	-8	28	-15	42	-11	.00	62	43	53	NA	NA	NA	.04
12/20	50	-13	28	-15	39	-14	.00	60	41	51	.07	NA	NA	.01
12/21	55	-8	27	-16	41	-12	.00	50	40	45	NA	NA	NA	.04
12/22	49	-14	28	-15	39	-14	.00	49	40	45	NA	NA	NA	.00
12/23	60	-3	29	-13	45	-8	.00	51	40	46	NA	NA	NA	.07
12/24	67	4	34	-8	51	-2	.00	59	43	51	.05	NA	NA	.10
12/25	66	3	28	-14	47	-6	.00	59	43	51	NA	NA	NA	.11
12/26	36	-26	16	-26	26	-26	.00	47	38	43	NA	NA	NA	.00
12/27	46	-16	16	-26	31	-21	.00	45	37	41	NA	NA	NA	.02
12/28	66	4	43	1	55	3	1.05	52	42	47	.03	NA	NA	.06
12/29	48	-14	39	-3	44	-8	.08	53	42	48	.07	NA	NA	.00
12/30	60	-2	36	-6	48	-4	.00	56	44	50	.10	NA	NA	.05
12/31	66	4	41	-1	54	2	.00	54	43	49	.07	NA	NA	.07

AIR TEMPERATURES:
Mean Maximum= 60.6 Mean Minimum= 36.3 Average= 48.5
DFN= -3.2 DFN= -7.0 DFN= -5.1
Highest= 79 Lowest= 16

PRECIPITATION STATISTICS:
Total= 3.29 DFN= -1.79 Greatest Daily= 1.23 Rain Days= 6

AVERAGE DAILY VALUES:
Pan Evaporation= .07 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .05

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: HEADLAND 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
01/ 1	78	19	54	17	66	18	.00	72	64	68	.07	NA	NA	.10
01/ 2	80	21	63	26	72	24	.20	74	68	71	.05	NA	NA	.09
01/ 3	70	11	47	10	59	11	1.12	68	58	63	.12	24	NA	.07
01/ 4	54	-5	32	-5	43	-5	.27	58	48	53	.03	24	NA	.02
01/ 5	34	-25	22	-15	28	-20	.00	49	41	45	NA	NA	NA	.00
01/ 6	48	-11	26	-11	37	-11	.00	48	41	45	NA	NA	NA	.00
01/ 7	56	-3	27	-10	42	-6	.00	52	41	47	NA	NA	NA	.05
01/ 8	61	2	32	-5	47	-1	.00	54	44	49	.08	0	NA	.07
01/ 9	57	-2	29	-8	43	-5	.00	53	41	47	NA	0	NA	.05
01/10	59	1	31	-6	45	-3	.00	53	41	47	NA	0	NA	.06
01/11	66	8	39	2	53	5	.00	58	45	52	.03	1	NA	.08
01/12	55	-3	28	-9	42	-6	.00	55	40	48	NA	0	NA	.04
01/13	40	-18	25	-12	33	-15	.00	52	40	46	NA	0	NA	.00
01/14	50	-8	29	-8	40	-8	.00	51	44	48	NA	0	NA	.01
01/15	52	-6	29	-8	41	-7	.00	51	41	46	NA	0	NA	.02
01/16	51	-7	25	-12	38	-10	.00	51	40	46	NA	0	NA	.03
01/17	58	0	32	-5	45	-3	.50	52	40	46	.14	5	NA	.05
01/18	57	-2	37	0	47	-1	.00	56	47	52	.07	5	NA	.03
01/19	50	-9	36	-1	43	-5	.00	50	44	47	.06	0	NA	.00
01/20	61	2	31	-6	46	-2	.06	54	43	49	NA	NA	NA	.07
01/21	30	-29	0	-37	15	-33	.00	45	29	37	NA	NA	NA	.00
01/22	23	-36	2	-35	13	-35	.00	33	28	31	NA	0	NA	.00
01/23	47	-12	15	-22	31	-17	.00	34	30	32	NA	NA	NA	.04
01/24	50	-9	28	-9	39	-9	.00	38	34	36	NA	0	NA	.02
01/25	45	-14	35	-2	40	-8	.09	44	38	41	NA	23	NA	.00
01/26	60	1	22	-15	41	-7	.00	52	39	46	NA	0	NA	.10
01/27	45	-14	22	-15	34	-14	.00	38	34	36	NA	0	NA	.01
01/28	55	-4	45	8	50	2	.47	48	40	44	NA	12	NA	.00
01/29	58	-1	30	-7	44	-4	.00	51	41	46	NA	5	NA	.06
01/30	56	-4	30	-7	43	-6	.02	51	41	46	NA	1	NA	.05
01/31	66	6	42	5	54	5	.96	52	46	49	.08	24	NA	.08

AIR TEMPERATURES:
Mean Maximum= 53.9 Mean Minimum= 30.5 Average= 42.2
DFN= -4.9 DFN= -6.5 DFN= -5.7
Highest= 80 Lowest= 0

PRECIPITATION STATISTICS:
Total= 3.69 DFN= -1.58 Greatest Daily= 1.12 Rain Days= 9

AVERAGE DAILY VALUES:
Pan Evaporation= .07 Hours of Wet Vegetation= 5.4 Solar Energy= NA
Average daily potential evapotranspiration (PET)= .04

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
02/ 1	78	18	63	26	71	22	.03	69	57	63	.07	5	NA	.09
02/ 2	76	16	49	11	63	14	2.04	69	60	65	NA	22	NA	.12
02/ 3	53	-7	29	-9	41	-8	.00	60	45	53	NA	0	NA	.04
02/ 4	47	-13	29	-9	38	-11	.00	53	44	49	NA	0	NA	.00
02/ 5	58	-2	39	1	49	0	.87	60	46	53	NA	12	NA	.04
02/ 6	70	9	46	8	58	8	1.60	60	51	56	NA	24	NA	.10
02/ 7	51	-10	32	-6	42	-8	.07	57	44	51	NA	8	NA	.02
02/ 8	52	-9	27	-11	40	-10	.00	54	40	47	NA	0	NA	.04
02/ 9	51	-10	27	-11	39	-11	.00	50	40	45	NA	0	NA	.04
02/10	55	-6	28	-10	42	-8	.00	53	39	46	NA	0	NA	.06
02/11	65	3	40	1	53	2	.05	57	39	48	.07	1	NA	.09
02/12	66	4	29	-10	48	-3	.69	60	40	50	NA	6	NA	.13
02/13	46	-16	28	-11	37	-14	.00	49	38	44	NA	0	NA	.01
02/14	53	-9	30	-9	42	-9	.00	50	38	44	NA	0	NA	.04
02/15	54	-8	29	-10	42	-9	.10	50	40	45	NA	2	NA	.05
02/16	54	-8	24	-15	39	-12	.00	54	39	47	NA	0	NA	.07
02/17	55	-8	28	-11	42	-9	.00	52	39	46	NA	0	NA	.07
02/18	66	3	38	-2	52	0	.00	59	42	51	.11	0	NA	.10
02/19	69	6	44	4	57	5	.00	61	47	54	.10	0	NA	.10
02/20	79	16	46	6	63	11	.00	68	52	60	.18	0	NA	.16
02/21	72	8	44	4	58	6	.00	71	52	62	.14	0	NA	.13
02/22	72	8	45	5	59	7	.00	70	51	61	.16	0	NA	.12
02/23	77	13	51	10	64	11	.00	71	55	63	.15	0	NA	.14
02/24	80	16	55	14	68	15	.00	74	59	67	.09	0	NA	.14
02/25	80	16	57	16	69	16	.70	74	59	67	.24	22	NA	.14
02/26	78	13	57	16	68	15	.02	70	61	66	.12	5	NA	.13
02/27	78	13	58	16	68	14	1.40	74	66	70	.25	17	NA	.12
02/28	64	-1	46	4	55	1	.03	68	58	63	.12	1	NA	.07

AIR TEMPERATURES:
Mean Maximum= 64.3 Mean Minimum= 39.9 Average= 52.1
DFN= +2.0 DFN= +.6 DFN= +1.3
Highest= 80 Lowest= 24

PRECIPITATION STATISTICS:
Total= 7.60 DFN= +2.64 Greatest Daily= 2.04 Rain Days= 12

AVERAGE DAILY VALUES:
Pan Evaporation= .14 Hours of Wet Vegetation= 4.5 Solar Energy= NA
Average daily potential evapotranspiration (PET)= .08

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
03/ 1	70	5	47	5	59	5	.00	72	56	64	.15	0	NA	.11
03/ 2	56	-10	47	5	52	-2	1.16	58	56	57	NA	17	NA	.02
03/ 3	68	2	47	4	58	3	.00	70	56	63	.08	0	NA	.10
03/ 4	75	9	52	9	64	9	.00	71	55	63	.12	0	NA	.13
03/ 5	80	14	55	12	68	13	.00	73	58	66	.14	0	NA	.15
03/ 6	70	3	43	0	57	2	.00	73	53	63	.16	0	NA	.13
03/ 7	72	5	45	1	59	3	.00	75	53	64	.19	0	NA	.13
03/ 8	74	7	50	6	62	6	.00	76	58	67	.14	0	NA	.13
03/ 9	82	14	55	11	69	13	.00	81	58	70	.07	0	NA	.17
03/10	78	10	54	10	66	10	.00	78	60	69	.11	0	NA	.15
03/11	80	12	53	8	67	10	.00	83	63	73	.19	0	NA	.16
03/12	80	12	56	11	68	11	.00	81	61	71	.17	0	NA	.15
03/13	71	2	50	5	61	4	.00	71	61	66	.07	0	NA	.12
03/14	78	9	60	15	69	12	.00	70	60	65	.11	5	NA	.13
03/15	83	14	49	3	66	8	.02	82	64	73	.21	0	NA	.20
03/16	64	-5	47	1	56	-2	.08	70	61	66	NA	2	NA	.08
03/17	55	-15	48	2	52	-6	.35	62	58	60	.11	24	NA	.03
03/18	63	-7	39	-7	51	-7	.01	66	49	58	.11	0	NA	.10
03/19	63	-7	34	-13	49	-10	.00	69	48	59	.20	0	NA	.12
03/20	70	-1	38	-9	54	-5	.00	74	47	61	.14	0	NA	.15
03/21	75	4	45	-2	60	1	.56	75	50	63	.21	8	NA	.16
03/22	68	-3	56	8	62	2	.02	66	50	58	.07	8	NA	.09
03/23	71	-1	58	10	65	5	.00	72	62	67	.16	1	NA	.10
03/24	74	2	48	0	61	1	.00	75	64	70	.22	0	NA	.15
03/25	76	4	39	-9	58	-2	.00	80	60	70	.20	0	NA	.19
03/26	75	2	39	-10	57	-4	.00	81	58	70	.23	0	NA	.19
03/27	76	3	45	-4	61	0	.00	81	57	69	NA	0	NA	.18
03/28	80	7	56	7	68	7	.01	79	59	69	NA	2	NA	.17
03/29	81	7	62	12	72	10	.00	80	61	71	.14	5	NA	.15
03/30	84	10	61	11	73	11	.00	85	69	77	.23	0	NA	.18
03/31	85	11	64	14	75	13	.00	87	70	79	.23	0	NA	.17

AIR TEMPERATURES:
Mean Maximum= 73.5 Mean Minimum= 49.7 Average= 61.6
DFN= +3.8 DFN= +3.7 DFN= +3.8
Highest= 85 Lowest= 34

PRECIPITATION STATISTICS:
Total= 2.21 DFN= -3.23 Greatest Daily= 1.16 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= .15 Hours of Wet Vegetation= 2.3 Solar Energy= NA
Average daily potential evapotranspiration (PET)= .14

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
04/ 1	80	5	46	-5	63	0	.06	80	60	70	.22	2	NA	.20
04/ 2	71	-4	43	-8	57	-6	.00	80	59	70	.26	0	NA	.15
04/ 3	64	-11	41	-10	53	-10	.02	75	56	66	.18	0	NA	.12
04/ 4	80	4	49	-2	65	1	.00	84	56	70	.21	0	NA	.19
04/ 5	82	6	55	3	69	5	.01	86	52	69	NA	0	NA	.19
04/ 6	77	1	52	0	65	1	1.10	77	62	70	.31	11	NA	.17
04/ 7	74	-3	47	-5	61	-4	.00	81	59	70	.17	0	NA	.16
04/ 8	82	5	53	0	68	3	.00	80	49	65	.28	0	NA	.20
04/ 9	68	-9	40	-13	54	-11	.00	80	56	68	.25	0	NA	.15
04/10	67	-11	39	-14	53	-13	.00	82	57	70	.24	0	NA	.15
04/11	71	-7	44	-9	58	-8	.00	84	56	70	.25	0	NA	.16
04/12	76	-2	53	-1	65	-1	.00	80	60	70	.14	0	NA	.16
04/13	78	0	58	4	68	2	.00	84	66	75	.18	0	NA	.16
04/14	75	-4	59	5	67	0	.00	78	69	74	.12	0	NA	.14
04/15	70	-9	57	3	64	-3	.07	76	68	72	.20	8	NA	.11
04/16	81	2	50	-5	66	-1	.49	87	65	76	.24	16	NA	.20
04/17	74	-5	54	-1	64	-3	.00	80	65	73	.21	0	NA	.15
04/18	84	4	58	3	71	3	.00	89	64	77	.21	0	NA	.20
04/19	84	4	60	5	72	4	.00	89	68	79	.29	0	NA	.19
04/20	86	6	59	3	73	5	.00	93	71	82	.28	0	NA	.21
04/21	85	5	58	2	72	4	.00	90	72	81	.29	0	NA	.21
04/22	88	7	60	4	74	5	.00	95	73	84	NA	0	NA	.22
04/23	85	4	63	6	74	5	.00	93	75	84	.27	0	NA	.19
04/24	85	4	63	6	74	5	.00	88	73	81	.16	0	NA	.19
04/25	77	-4	56	-1	67	-2	.02	80	70	75	.10	4	NA	.16
04/26	91	10	70	13	81	12	.00	87	61	74	.16	0	NA	.21
04/27	89	8	59	2	74	5	.00	96	74	85	.31	0	NA	.23
04/28	86	4	64	6	75	5	.00	92	75	84	.18	0	NA	.20
04/29	87	5	63	5	75	5	.00	87	75	81	.16	0	NA	.21
04/30	90	8	64	6	77	7	.00	100	73	87	.16	0	NA	.22

AIR TEMPERATURES:
Mean Maximum= 79.6 Mean Minimum= 54.6 Average= 67.1
DFN= +.8 DFN= +.1 DFN= +.4
Highest= 91 Lowest= 39

PRECIPITATION STATISTICS:
Total= 1.77 DFN= -2.81 Greatest Daily= 1.10 Rain Days= 7

AVERAGE DAILY VALUES:
Pan Evaporation= .22 Hours of Wet Vegetation= 1.4 Solar Energy= NA
Average daily potential evapotranspiration (PET)= .18

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
05/ 1	85	3	59	1	72	2	.00	95	76	86	.32	0	NA	.21
05/ 2	85	3	63	4	74	3	.00	88	75	82	.21	0	NA	.20
05/ 3	83	0	63	4	73	2	.09	84	76	80	.14	4	NA	.18
05/ 4	81	-2	56	-3	69	-2	.05	90	72	81	.23	NA	NA	.19
05/ 5	81	-2	49	-10	65	-6	.00	92	70	81	.25	0	NA	.22
05/ 6	83	0	59	-1	71	-1	.00	92	75	84	.14	3	NA	.20
05/ 7	89	6	64	4	77	5	.00	98	75	87	.26	4	NA	.22
05/ 8	88	5	65	5	77	5	.00	90	73	82	.25	3	NA	.21
05/ 9	81	-3	62	2	72	0	.71	82	72	77	.06	20	NA	.18
05/10	78	-6	61	0	70	-3	1.90	80	70	75	.24	22	NA	.16
05/11	77	-7	61	0	69	-4	.34	86	70	78	.19	15	NA	.16
05/12	88	4	64	3	76	3	.00	94	72	83	.24	0	NA	.22
05/13	90	6	66	5	78	5	.00	97	75	86	.13	0	NA	.22
05/14	91	7	68	7	80	7	.00	98	75	87	.33	0	NA	.22
05/15	92	7	68	6	80	6	.00	98	80	89	.22	0	NA	.23
05/16	89	4	60	-2	75	1	.00	100	78	89	.26	0	NA	.24
05/17	85	0	61	-1	73	-1	.00	100	78	89	.29	0	NA	.21
05/18	77	-8	54	-8	66	-8	.00	96	74	85	.33	0	NA	.18
05/19	80	-5	58	-4	69	-5	.00	98	74	86	.25	0	NA	.19
05/20	85	0	63	0	74	0	.02	96	78	87	.31	NA	NA	.20
05/21	84	-2	63	0	74	-1	.05	90	77	84	.13	10	NA	.20
05/22	90	4	65	2	78	3	.00	97	77	87	.12	1	NA	.23
05/23	85	-1	63	0	74	-1	1.03	88	78	83	.28	20	NA	.20
05/24	85	-1	59	-5	72	-3	.00	89	72	81	.25	0	NA	.22
05/25	80	-6	57	-7	69	-6	.00	89	72	81	.26	0	NA	.19
05/26	83	-4	58	-6	71	-5	.00	98	72	85	.28	0	NA	.21
05/27	85	-2	60	-4	73	-3	.00	96	74	85	.24	0	NA	.21
05/28	87	0	63	-1	75	-1	.00	97	76	87	.22	0	NA	.22
05/29	89	2	66	1	78	2	.00	100	76	88	.29	0	NA	.22
05/30	81	-6	66	1	74	-2	.02	88	78	83	.13	NA	NA	.17
05/31	91	3	68	3	80	3	.00	100	78	89	.22	0	NA	.23

AIR TEMPERATURES:
Mean Maximum= 84.8 Mean Minimum= 61.7 Average= 73.2
DFN= +.0 DFN= -.1 DFN= -.1
Highest= 92 Lowest= 49

PRECIPITATION STATISTICS:
Total= 4.21 DFN= -.14 Greatest Daily= 1.90 Rain Days= 9

AVERAGE DAILY VALUES:
Pan Evaporation= .23 Hours of Wet Vegetation= 3.6 Solar Energy= NA
Average daily potential evapotranspiration (PET)= .20

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Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
06/ 1	94	6	71	6	83	6	.00	103	79	91	.34	0	NA	.24
06/ 2	95	7	73	8	84	7	.00	105	85	95	.30	0	NA	.24
06/ 3	97	9	72	6	85	8	.00	105	84	95	.31	0	NA	.25
06/ 4	96	8	72	6	84	7	.00	107	85	96	.37	0	NA	.25
06/ 5	100	11	73	7	87	9	.00	109	88	99	.38	0	NA	.27
06/ 6	102	13	73	7	88	10	.00	110	88	99	.37	0	NA	.28
06/ 7	103	14	72	6	88	10	.00	102	84	93	.36	0	NA	.29
06/ 8	96	7	69	2	83	5	.00	99	83	91	.26	NA	NA	.26
06/ 9	95	6	72	5	84	6	.13	103	83	93	.23	NA	NA	.24
06/10	95	6	70	3	83	5	.04	98	82	90	.22	NA	NA	.25
06/11	93	3	72	5	83	4	.00	98	80	89	.25	NA	NA	.23
06/12	86	-4	68	1	77	-2	1.10	87	78	83	.15	NA	NA	.20
06/13	86	-4	58	-9	72	-7	.08	90	74	82	.19	5	NA	.23
06/14	80	-10	60	-8	70	-9	.00	92	73	83	.26	NA	NA	.18
06/15	82	-8	65	-3	74	-5	.00	90	75	83	.21	0	NA	.18
06/16	78	-12	68	0	73	-6	.28	91	78	85	.02	21	NA	.15
06/17	89	-1	72	4	81	2	.00	91	78	85	.16	0	NA	.20
06/18	89	-1	70	2	80	1	.28	93	80	87	.19	3	NA	.21
06/19	83	-7	70	2	77	-2	.41	88	77	83	.17	16	NA	.17
06/20	85	-6	64	-4	75	-5	.02	90	76	83	.21	2	NA	.20
06/21	85	-6	62	-7	74	-6	.00	94	76	85	.24	0	NA	.21
06/22	85	-6	63	-6	74	-6	.00	93	76	85	.18	0	NA	.21
06/23	90	-1	66	-3	78	-2	.00	100	77	89	.25	0	NA	.23
06/24	100	9	81	12	91	11	.00	92	69	81	.16	0	NA	.24
06/25	93	2	68	-1	81	1	.00	103	84	94	.36	0	NA	.24
06/26	101	10	72	3	87	7	.26	93	68	81	.24	5	NA	.28
06/27	94	3	69	0	82	2	.00	97	81	89	.27	0	NA	.24
06/28	93	2	69	0	81	1	.00	98	81	90	.23	0	NA	.24
06/29	82	-9	68	-1	75	-5	.12	92	81	87	.16	12	NA	.17
06/30	88	-3	66	-3	77	-3	.05	91	79	85	.15	24	NA	.22

AIR TEMPERATURES:
Mean Maximum= 91.2 Mean Minimum= 68.9 Average= 80.0
DFN= +1.3 DFN= +1.3 DFN= +1.3
Highest= 103 Lowest= 58

PRECIPITATION STATISTICS:
Total= 2.77 DFN= -1.85 Greatest Daily= 1.10 Rain Days= 11

AVERAGE DAILY VALUES:
Pan Evaporation= .24 Hours of Wet Vegetation= 3.7 Solar Energy= NA
Average daily potential evapotranspiration (PET)= .23

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
07/ 1	89	-2	64	-6	77	-4	.00	93	80	87	.25	0	NA	.23
07/ 2	89	-2	66	-4	78	-3	.00	96	80	88	.27	0	NA	.22
07/ 3	91	0	66	-4	79	-2	.00	102	80	91	.28	0	NA	.23
07/ 4	95	4	66	-4	81	0	.00	97	82	90	.30	0	NA	.26
07/ 5	90	-1	68	-2	79	-2	.00	99	81	90	.26	0	NA	.22
07/ 6	83	-8	62	-8	73	-8	1.43	85	72	79	.23	13	NA	.20
07/ 7	84	-7	68	-2	76	-5	1.10	85	79	82	NA	17	NA	.18
07/ 8	82	-9	66	-4	74	-7	.02	86	78	82	NA	0	NA	.18
07/ 9	89	-2	67	-3	78	-3	.00	94	76	85	.30	0	NA	.22
07/10	92	1	70	0	81	0	.00	97	80	89	.28	0	NA	.23
07/11	96	5	70	0	83	2	.00	102	82	92	.17	0	NA	.25
07/12	95	4	70	0	83	2	.00	102	85	94	.39	0	NA	.25
07/13	92	1	69	-1	81	0	1.45	99	81	90	.42	13	NA	.23
07/14	92	2	69	-1	81	1	.00	98	81	90	.15	0	NA	.23
07/15	92	2	65	-5	79	-1	.43	98	80	89	.30	8	NA	.24
07/16	92	2	68	-2	80	0	.25	99	72	86	.28	NA	NA	.23
07/17	91	0	67	-3	79	-2	.20	96	80	88	.20	5	NA	.23
07/18	91	0	69	-1	80	-1	.00	96	80	88	.19	0	NA	.22
07/19	92	1	70	0	81	0	.00	95	80	88	.09	0	NA	.23
07/20	92	1	68	-2	80	-1	.00	100	82	91	.38	0	NA	.23
07/21	92	1	69	-1	81	0	.00	101	83	92	.23	0	NA	.23
07/22	93	2	70	0	82	1	.00	104	84	94	.34	0	NA	.23
07/23	94	3	70	0	82	1	.00	106	85	96	.29	0	NA	.24
07/24	91	0	68	-2	80	-1	.00	99	85	92	.19	0	NA	.22
07/25	91	0	68	-2	80	-1	.08	101	82	92	.19	4	NA	.22
07/26	85	-6	69	-1	77	-4	.04	90	81	86	.11	1	NA	.18
07/27	86	-5	68	-2	77	-4	.00	90	82	86	.12	0	NA	.19
07/28	90	-1	70	0	80	-1	.10	98	82	90	.16	6	NA	.21
07/29	91	0	68	-2	80	-1	.00	93	82	88	.09	0	NA	.22
07/30	90	-1	68	-2	79	-2	.48	95	81	88	.17	12	NA	.22
07/31	91	0	80	10	86	5	.02	88	70	79	.13	NA	NA	.18

AIR TEMPERATURES:
Mean Maximum= 90.4 Mean Minimum= 68.3 Average= 79.3
DFN= -.5 DFN= -1.7 DFN= -1.1
Highest= 96 Lowest= 62

PRECIPITATION STATISTICS:
Total= 5.60 DFN= -.35 Greatest Daily= 1.45 Rain Days= 12

AVERAGE DAILY VALUES:
Pan Evaporation= .23 Hours of Wet Vegetation= 2.7 Solar Energy= NA
Average daily potential evapotranspiration (PET)= .22

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
08/ 1	90	-1	70	0	80	-1	.00	90	80	85	.12	0	NA	.21
08/ 2	94	3	70	0	82	1	.00	94	80	87	.17	0	NA	.23
08/ 3	92	1	69	-1	81	0	.00	95	82	89	.17	0	NA	.22
08/ 4	89	-2	63	-7	76	-5	.00	90	81	86	.13	0	NA	.22
08/ 5	88	-3	64	-6	76	-5	.00	100	80	90	NA	0	NA	.21
08/ 6	91	0	64	-6	78	-3	.00	100	80	90	NA	0	NA	.23
08/ 7	94	3	68	-2	81	0	.00	102	82	92	.23	NA	NA	.24
08/ 8	90	-1	69	-1	80	-1	.52	92	82	87	.09	6	NA	.21
08/ 9	87	-4	67	-3	77	-4	.10	92	80	86	.10	9	NA	.20
08/10	92	1	67	-3	80	-1	1.40	95	80	88	NA	15	NA	.23
08/11	91	0	68	-2	80	-1	.00	96	80	88	.21	0	NA	.22
08/12	93	2	67	-3	80	-1	.00	97	80	89	.20	0	NA	.23
08/13	93	2	69	-1	81	0	.00	100	80	90	.28	0	NA	.23
08/14	94	3	68	-2	81	0	.00	100	82	91	.24	0	NA	.24
08/15	92	1	65	-5	79	-2	.00	100	83	92	.26	0	NA	.23
08/16	91	0	65	-5	78	-3	.33	97	80	89	.12	7	NA	.23
08/17	91	1	68	-2	80	0	.00	92	79	86	.06	0	NA	.22
08/18	91	1	68	-2	80	0	.00	90	81	86	.17	0	NA	.21
08/19	90	0	68	-2	79	-1	.00	95	81	88	.28	0	NA	.21
08/20	94	4	68	-1	81	1	.00	99	80	90	.19	0	NA	.23
08/21	94	4	68	-1	81	1	.07	91	80	86	.20	2	NA	.23
08/22	94	4	67	-2	81	1	.00	96	80	88	.18	0	NA	.23
08/23	92	2	67	-2	80	0	.00	100	82	91	.24	0	NA	.22
08/24	95	5	64	-5	80	0	.00	98	82	90	.17	0	NA	.25
08/25	92	2	67	-2	80	0	.31	97	80	89	.16	5	NA	.22
08/26	86	-2	66	-3	77	-3	.81	91	80	86	.17	13	NA	.20
08/27	80	-10	65	-4	73	-7	.40	84	79	82	.05	8	NA	.15
08/28	90	0	65	-4	78	-2	.00	90	78	84	.17	0	NA	.21
08/29	84	-6	66	-3	75	-5	.05	86	78	82	.10	2	NA	.17
08/30	90	0	66	-3	78	-2	.91	90	78	84	.17	9	NA	.21
08/31	80	-10	66	-3	73	-7	.90	82	78	80	NA	1	NA	.14

AIR TEMPERATURES:
Mean Maximum= 90.5 Mean Minimum= 66.8 Average= 78.7
DFN= +.0 DFN= -2.8 DFN= -1.4
Highest= 95 Lowest= 63

PRECIPITATION STATISTICS:
Total= 5.80 DFN= +.84 Greatest Daily= 1.40 Rain Days= 11

AVERAGE DAILY VALUES:
Pan Evaporation= .17 Hours of Wet Vegetation= 2.6 Solar Energy= NA
Average daily potential evapotranspiration (PET)= .22

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
09/ 1	85	-5	68	-1	77	-3	.00	85	78	82	.30	0	NA	.17
09/ 2	85	-4	70	1	78	-1	.00	86	77	82	.17	0	NA	.16
09/ 3	89	0	67	-2	78	-1	.13	89	78	84	.08	2	NA	.20
09/ 4	91	2	66	-3	79	0	.00	91	78	85	.28	0	NA	.21
09/ 5	93	4	64	-5	79	0	1.04	92	78	85	.27	15	NA	.23
09/ 6	89	0	65	-4	77	-2	.00	90	78	84	.15	0	NA	.20
09/ 7	91	2	68	0	80	1	.00	93	78	86	.17	0	NA	.20
09/ 8	90	1	64	-4	77	-2	.52	90	80	85	.21	21	NA	.21
09/ 9	93	4	67	-1	80	1	.00	95	80	88	.24	2	NA	.22
09/10	93	5	68	0	81	3	.00	94	80	87	.23	0	NA	.21
09/11	92	4	68	0	80	2	.00	93	80	87	.23	0	NA	.21
09/12	92	4	66	-1	79	1	.00	96	78	87	.20	0	NA	.21
09/13	91	3	67	0	79	1	.00	95	80	88	.21	0	NA	.20
09/14	86	-2	56	-11	71	-7	.00	93	75	84	.21	0	NA	.20
09/15	77	-10	46	-21	62	-15	.00	90	72	81	.22	0	NA	.18
09/16	84	-3	57	-9	71	-6	.01	89	72	81	.18	0	NA	.19
09/17	84	-3	52	-14	68	-9	.00	93	74	84	.21	0	NA	.20
09/18	86	-1	55	-11	71	-6	.00	90	72	81	.18	0	NA	.21
09/19	87	0	54	-12	71	-6	.00	88	74	81	.15	0	NA	.21
09/20	88	2	60	-5	74	-2	.00	91	73	82	.16	0	NA	.20
09/21	88	2	60	-5	74	-2	.00	90	75	83	.20	0	NA	.20
09/22	85	-1	61	-3	73	-2	.00	87	75	81	.13	0	NA	.18
09/23	88	2	65	1	77	2	.00	91	75	83	.08	0	NA	.18
09/24	87	2	64	0	76	1	.45	87	78	83	.13	14	NA	.18
09/25	78	-7	59	-4	69	-5	.03	80	74	77	.03	12	NA	.14
09/26	88	3	60	-3	74	0	.00	88	72	80	.13	0	NA	.20
09/27	85	0	51	-11	68	-6	.00	86	69	78	.15	0	NA	.20
09/28	78	-6	44	-18	61	-12	.00	85	66	76	.15	0	NA	.18
09/29	81	-3	51	-10	66	-7	.00	87	66	77	.17	0	NA	.18
09/30	86	2	58	-3	72	-1	.00	88	70	79	.13	0	NA	.19

AIR TEMPERATURES:
Mean Maximum= 87.0 Mean Minimum= 60.7 Average= 73.8
DFN= -.1 DFN= -5.3 DFN= -2.7
Highest= 93 Lowest= 44

PRECIPITATION STATISTICS:
Total= 2.18 DFN= -1.90 Greatest Daily= 1.04 Rain Days= 6

AVERAGE DAILY VALUES:
Pan Evaporation= .18 Hours of Wet Vegetation= 2.2 Solar Energy= NA
Average daily potential evapotranspiration (PET)= .19

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	88	5	60	0	74	2	.17	88	72	80	.16	10	NA	.19
10/ 2	89	6	64	4	77	5	.95	81	75	78	.12	15	NA	.18
10/ 3	85	2	64	5	75	4	.04	82	74	78	.07	NA	NA	.16
10/ 4	85	3	62	3	74	3	.38	83	74	79	.09	12	NA	.16
10/ 5	84	2	45	-14	65	-6	.00	82	75	79	.05	0	NA	.21
10/ 6	75	-7	42	-16	59	-11	.00	79	62	71	.24	0	NA	.16
10/ 7	70	-12	44	-14	57	-13	.00	75	61	68	.16	0	NA	.12
10/ 8	76	-5	45	-12	61	-8	.00	75	61	68	.13	0	NA	.16
10/ 9	83	2	48	-9	66	-3	.00	78	61	70	.12	0	NA	.19
10/10	85	4	53	-3	69	0	.00	83	70	77	.13	0	NA	.19
10/11	87	7	54	-2	71	3	.00	82	68	75	.17	0	NA	.20
10/12	89	9	59	4	74	6	.00	85	70	78	.15	0	NA	.19
10/13	91	11	61	6	76	8	.00	87	74	81	.17	0	NA	.20
10/14	88	9	63	8	76	9	.00	85	74	80	.11	0	NA	.17
10/15	90	11	64	10	77	10	.00	85	75	80	.13	0	NA	.18
10/16	88	9	63	9	76	9	.33	85	74	80	.12	8	NA	.17
10/17	84	6	63	10	74	8	.00	82	74	78	.11	0	NA	.14
10/18	90	12	65	12	78	12	.00	82	74	78	.12	0	NA	.18
10/19	80	2	63	10	72	6	.00	79	74	77	.03	0	NA	.12
10/20	81	4	62	10	72	7	.00	80	72	76	.06	0	NA	.13
10/21	86	9	60	8	73	8	.00	80	71	76	.10	0	NA	.16
10/22	88	11	60	9	74	10	.09	80	70	75	.10	8	NA	.18
10/23	86	10	63	12	75	11	.00	80	74	77	.09	7	NA	.15
10/24	87	11	62	11	75	11	.00	80	74	77	NA	5	NA	.16
10/25	81	5	60	10	71	8	.00	77	70	74	.09	0	NA	.13
10/26	83	8	59	9	71	8	.00	78	70	74	.09	0	NA	.14
10/27	79	4	62	12	71	8	.00	82	60	71	.10	0	NA	.11
10/28	70	-5	60	11	65	3	1.49	72	60	66	.11	20	NA	.06
10/29	75	1	64	15	70	8	2.10	75	60	68	NA	24	NA	.08
10/30	74	0	54	5	64	2	.44	73	62	68	NA	24	NA	.10
10/31	68	-6	54	5	61	-1	.32	70	68	69	NA	24	NA	.06

AIR TEMPERATURES:
Mean Maximum= 82.7 Mean Minimum= 58.1 Average= 70.4
DFN= +4.1 DFN= +4.1 DFN= +4.1
Highest= 91 Lowest= 42

PRECIPITATION STATISTICS:
Total= 6.31 DFN= +3.98 Greatest Daily= 2.10 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= .12 Hours of Wet Vegetation= 5.2 Solar Energy= NA
Average daily potential evapotranspiration (PET)= .15

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	75	2	60	12	68	7	.95	73	69	71	NA	24	NA	.09
11/ 2	64	-9	52	4	58	-3	.00	71	66	69	.09	NA	NA	.04
11/ 3	65	-8	54	6	60	-1	.00	70	66	68	.06	NA	NA	.04
11/ 4	65	-7	42	-5	54	-6	.02	68	58	63	.07	NA	NA	.08
11/ 5	60	-12	36	-11	48	-12	.00	62	52	57	.04	0	NA	.06
11/ 6	59	-13	36	-11	48	-12	.00	59	50	55	.09	0	NA	.06
11/ 7	68	-3	40	-7	54	-5	.00	60	50	55	.17	0	NA	.10
11/ 8	78	7	36	-10	57	-2	.00	54	54	54	.06	0	NA	.18
11/ 9	68	-3	36	-10	52	-7	.00	61	54	58	.05	0	NA	.11
11/10	73	3	46	0	60	2	.00	63	52	58	.02	0	NA	.11
11/11	79	9	54	9	67	9	.00	70	60	65	.05	0	NA	.12
11/12	80	10	57	12	69	11	.00	70	60	65	.04	0	NA	.12
11/13	78	9	56	11	67	10	.00	70	64	67	.04	NA	NA	.11
11/14	75	6	52	7	64	7	.00	70	64	67	.02	4	NA	.10
11/15	79	10	56	12	68	11	.00	77	65	71	.03	5	NA	.11
11/16	80	12	57	13	69	13	.00	75	66	71	.03	0	NA	.12
11/17	81	13	59	15	70	14	.00	72	69	71	.06	0	NA	.12
11/18	81	13	54	10	68	12	.00	75	66	71	.06	0	NA	.13
11/19	82	14	55	12	69	13	.00	71	65	68	.07	0	NA	.13
11/20	83	16	62	19	73	18	.00	73	68	71	.06	0	NA	.12
11/21	80	13	65	22	73	18	.20	73	70	72	.05	15	NA	.09
11/22	74	7	59	16	67	12	2.05	72	70	71	NA	24	NA	.07
11/23	69	2	47	4	58	3	.00	72	63	68	.10	0	NA	.07
11/24	73	7	51	9	62	8	.00	68	63	66	.03	0	NA	.09
11/25	74	8	54	12	64	10	.00	70	64	67	.06	0	NA	.08
11/26	76	10	57	15	67	13	.00	71	66	69	.02	3	NA	.09
11/27	78	12	62	20	70	16	.00	71	69	70	.04	4	NA	.08
11/28	79	14	61	20	70	17	.00	74	70	72	.03	0	NA	.09
11/29	80	15	63	22	72	19	.15	75	71	73	NA	NA	NA	.09
11/30	73	8	61	20	67	14	.92	72	72	72	NA	NA	NA	.05

AIR TEMPERATURES:
Mean Maximum= 74.3 Mean Minimum= 52.7 Average= 63.5
DFN= +5.5 DFN= +8.3 DFN= +6.9
Highest= 83 Lowest= 36

PRECIPITATION STATISTICS:
Total= 4.29 DFN= +1.06 Greatest Daily= 2.05 Rain Days= 6

AVERAGE DAILY VALUES:
Pan Evaporation= .06 Hours of Wet Vegetation= 3.3 Solar Energy= NA
Average daily potential evapotranspiration (PET)= .09

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Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	75	10	60	19	68	15	.50	75	71	73	.06	NA	NA	.07
12/ 2	76	12	40	-1	58	5	.62	74	60	67	NA	NA	NA	.14
12/ 3	56	-8	28	-12	42	-10	.00	60	46	53	NA	NA	NA	.05
12/ 4	53	-11	28	-12	41	-11	.00	52	45	49	NA	NA	NA	.03
12/ 5	59	-5	34	-6	47	-5	.00	55	48	52	.03	NA	NA	.05
12/ 6	62	-1	35	-5	49	-3	.00	60	50	55	.01	4	NA	.06
12/ 7	56	-7	27	-13	42	-10	.00	53	NA	NA	NA	NA	NA	.05
12/ 8	59	-4	30	-10	45	-7	.00	51	47	49	NA	NA	NA	.06
12/ 9	65	2	43	4	54	3	.00	58	51	55	NA	NA	NA	.06
12/10	70	7	40	1	55	4	.00	63	54	59	NA	NA	NA	.10
12/11	73	11	44	5	59	8	.00	62	53	58	NA	NA	NA	.10
12/12	78	16	55	16	67	16	.92	69	60	65	NA	8	NA	.10
12/13	70	8	58	19	64	13	1.91	69	64	67	NA	24	NA	.04
12/14	66	4	28	-11	47	-4	.05	67	49	58	NA	0	NA	.11
12/15	40	-22	18	-21	29	-22	.00	49	41	45	NA	0	NA	.00
12/16	46	-15	22	-16	34	-16	.00	47	37	42	NA	0	NA	.00
12/17	54	-7	24	-14	39	-11	.00	48	40	44	NA	NA	NA	.05
12/18	58	-3	30	-8	44	-6	.00	52	42	47	NA	NA	NA	.05
12/19	55	-6	25	-13	40	-10	.00	43	43	43	NA	NA	NA	.05
12/20	50	-11	25	-13	38	-12	.00	48	42	45	NA	0	NA	.02
12/21	55	-6	23	-15	39	-11	.00	48	40	44	NA	0	NA	.05
12/22	46	-14	22	-16	34	-15	.00	48	40	44	NA	0	NA	.00
12/23	56	-4	22	-16	39	-10	.00	55	38	47	NA	0	NA	.06
12/24	65	5	47	9	56	7	.00	51	47	49	NA	NA	NA	.04
12/25	66	6	24	-14	45	-4	.00	58	43	51	NA	NA	NA	.12
12/26	38	-22	10	-27	24	-25	.00	47	37	42	NA	NA	NA	.00
12/27	38	-22	16	-21	27	-22	.00	43	36	40	NA	NA	NA	.00
12/28	62	2	27	-10	45	-4	.07	51	40	46	NA	NA	NA	.09
12/29	48	-12	37	0	43	-6	.70	50	50	50	NA	NA	NA	.00
12/30	58	-1	28	-9	43	-5	.00	52	42	47	NA	NA	NA	.06
12/31	57	-2	34	-3	46	-2	.00	51	41	46	NA	NA	NA	.03

AIR TEMPERATURES:
Mean Maximum= 58.4 Mean Minimum= 31.7 Average= 45.1
DFN= -3.2 DFN= -6.9 DFN= -5.0
Highest= 78 Lowest= 10

PRECIPITATION STATISTICS:
Total= 4.77 DFN= -.11 Greatest Daily= 1.91 Rain Days= 7

AVERAGE DAILY VALUES:
Pan Evaporation= .03 Hours of Wet Vegetation= 3.6 Solar Energy= NA
Average daily potential evapotranspiration (PET)= .05

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
01/ 1	78	22	60	25	69	23	.28	66	63	65	NA	NA	NA	.08
01/ 2	78	22	43	8	61	15	.15	66	58	62	NA	NA	NA	.13
01/ 3	50	-6	38	3	44	-2	.32	58	52	55	NA	NA	NA	.00
01/ 4	42	-14	28	-6	35	-10	.12	52	45	49	NA	NA	NA	.00
01/ 5	31	-25	22	-12	27	-18	Trace	45	41	43	NA	NA	NA	.00
01/ 6	47	-9	23	-11	35	-10	.00	46	40	43	NA	NA	NA	.00
01/ 7	54	-2	27	-7	41	-4	.00	48	41	45	NA	NA	NA	.03
01/ 8	57	1	29	-5	43	-2	.00	49	43	46	NA	NA	NA	.05
01/ 9	54	-2	28	-6	41	-4	.00	49	43	46	NA	NA	NA	.03
01/10	54	-2	29	-5	42	-3	.00	49	43	46	NA	NA	NA	.03
01/11	60	5	38	4	49	4	.19	50	45	48	NA	NA	NA	.04
01/12	40	-15	27	-7	34	-11	.00	49	42	46	NA	NA	NA	.00
01/13	39	-16	23	-11	31	-14	.00	44	40	42	NA	NA	NA	.00
01/14	40	-15	25	-9	33	-12	.00	44	40	42	NA	NA	NA	.00
01/15	52	-3	25	-9	39	-6	.00	45	40	43	NA	NA	NA	.03
01/16	47	-9	23	-11	35	-10	.00	45	40	43	NA	NA	NA	.01
01/17	48	-8	25	-9	37	-8	1.07	43	39	41	NA	NA	NA	.01
01/18	42	-14	27	-7	35	-10	.00	44	41	43	NA	NA	NA	.00
01/19	58	2	28	-6	43	-2	.00	48	41	45	NA	NA	NA	.06
01/20	60	4	21	-13	41	-4	.00	50	42	46	NA	NA	NA	.10
01/21	22	-34	-1	-35	11	-34	.00	43	40	42	NA	NA	NA	.00
01/22	23	-33	-1	-35	11	-34	.00	41	35	38	NA	NA	NA	.00
01/23	45	-11	10	-25	28	-18	.00	35	34	35	NA	NA	NA	.04
01/24	45	-11	25	-10	35	-11	.00	35	33	34	NA	NA	NA	.00
01/25	52	-4	31	-4	42	-4	.00	41	35	38	NA	NA	NA	.02
01/26	60	4	18	-17	39	-7	.00	43	35	39	NA	NA	NA	.11
01/27	43	-14	17	-18	30	-16	.00	41	38	40	NA	NA	NA	.01
01/28	43	-14	23	-12	33	-13	.32	39	37	38	NA	NA	NA	.00
01/29	42	-15	29	-6	36	-10	.00	40	38	39	NA	NA	NA	.00
01/30	52	-5	29	-6	41	-5	Trace	46	38	42	NA	NA	NA	.03
01/31	64	7	41	6	53	7	.62	48	41	45	NA	NA	NA	.07

AIR TEMPERATURES:
Mean Maximum= 49.1 Mean Minimum= 26.1 Average= 37.6
DFN= -6.9 DFN= -8.3 DFN= -7.6
Highest= 78 Lowest= -1

PRECIPITATION STATISTICS:
Total= 3.07 DFN= -1.94 Greatest Daily= 1.07 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .03

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
02/ 1	54	-3	39	4	47	1	.28	53	48	51	NA	NA	NA	.01
02/ 2	40	-18	30	-5	35	-12	.22	49	44	47	NA	NA	NA	.00
02/ 3	30	-28	23	-12	27	-20	Trace	44	38	41	NA	NA	NA	.00
02/ 4	32	-26	23	-12	28	-19	.00	39	37	38	NA	NA	NA	.00
02/ 5	53	-5	23	-12	38	-9	1.08	43	37	40	NA	NA	NA	.06
02/ 6	46	-13	40	5	43	-4	.44	45	43	44	NA	NA	NA	.00
02/ 7	40	-19	27	-8	34	-13	.00	45	40	43	NA	NA	NA	.00
02/ 8	44	-15	21	-15	33	-15	.00	45	39	42	NA	NA	NA	.01
02/ 9	46	-13	21	-15	34	-14	.00	45	38	42	NA	NA	NA	.02
02/10	56	-3	24	-12	40	-8	.00	46	38	42	NA	NA	NA	.08
02/11	65	5	28	-8	47	-1	.40	50	40	45	NA	NA	NA	.12
02/12	52	-8	29	-7	41	-7	.10	47	39	43	NA	NA	NA	.04
02/13	42	-18	25	-11	34	-14	.00	42	37	40	NA	NA	NA	.00
02/14	51	-9	25	-11	38	-10	.00	43	37	40	NA	NA	NA	.05
02/15	51	-9	25	-11	38	-10	.00	44	38	41	NA	NA	NA	.05
02/16	47	-14	20	-17	34	-15	.00	44	38	41	NA	NA	NA	.04
02/17	54	-7	20	-17	37	-12	.00	46	39	43	NA	NA	NA	.08
02/18	65	4	32	-5	49	0	.00	51	39	45	NA	NA	NA	.11
02/19	69	8	45	8	57	8	Trace	50	43	47	NA	NA	NA	.10
02/20	61	-1	42	5	52	2	.04	52	48	50	NA	NA	NA	.06
02/21	70	8	38	0	54	4	.00	57	48	53	NA	NA	NA	.13
02/22	72	10	47	9	60	10	.00	56	48	52	NA	NA	NA	.11
02/23	78	16	50	12	64	14	.00	59	50	55	NA	NA	NA	.14
02/24	79	16	54	16	67	16	.36	60	51	56	NA	NA	NA	.14
02/25	62	-1	57	19	60	9	.25	57	51	54	NA	NA	NA	.02
02/26	59	-4	57	18	58	7	1.94	57	57	57	NA	NA	NA	.00
02/27	63	0	52	13	58	7	.00	60	56	58	NA	NA	NA	.05
02/28	60	-3	36	-3	48	-3	.08	60	54	57	NA	NA	NA	.08

AIR TEMPERATURES:
Mean Maximum= 55.0 Mean Minimum= 34.0 Average= 44.5
DFN= -5.4 DFN= -2.6 DFN= -4.0
Highest= 79 Lowest= 20

PRECIPITATION STATISTICS:
Total= 5.19 DFN= +.59 Greatest Daily= 1.94 Rain Days= 11

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .05

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
03/ 1	54	-10	40	1	47	-5	.19	61	50	56	NA	NA	NA	.03
03/ 2	55	-9	45	5	50	-2	.18	53	53	53	NA	NA	NA	.02
03/ 3	60	-4	44	4	52	0	.00	62	53	58	NA	NA	NA	.06
03/ 4	74	9	48	8	61	8	.00	63	53	58	NA	NA	NA	.13
03/ 5	79	14	51	10	65	12	.24	64	56	60	NA	NA	NA	.16
03/ 6	65	0	39	-2	52	-1	.00	65	52	59	NA	NA	NA	.11
03/ 7	68	3	40	-1	54	1	.00	62	52	57	NA	NA	NA	.12
03/ 8	73	7	50	9	62	8	.00	62	52	57	NA	NA	NA	.12
03/ 9	78	12	55	13	67	13	.00	66	56	61	NA	NA	NA	.14
03/10	81	15	50	8	66	12	.00	68	59	64	NA	NA	NA	.18
03/11	78	12	54	12	66	12	.00	68	59	64	NA	NA	NA	.14
03/12	82	15	58	16	70	15	.00	70	60	65	NA	NA	NA	.16
03/13	70	3	46	3	58	3	.00	66	58	62	NA	NA	NA	.12
03/14	75	8	47	4	61	6	Trace	64	58	61	NA	NA	NA	.15
03/15	75	8	48	5	62	7	Trace	67	58	63	NA	NA	NA	.15
03/16	69	1	48	5	59	3	.00	65	57	61	NA	NA	NA	.11
03/17	55	-13	49	5	52	-4	.03	57	56	57	NA	NA	NA	.02
03/18	67	-1	38	-6	53	-3	.00	62	52	57	NA	NA	NA	.13
03/19	63	-6	31	-13	47	-10	.00	62	51	57	NA	NA	NA	.13
03/20	69	0	31	-14	50	-7	.00	62	51	57	NA	NA	NA	.17
03/21	70	1	41	-4	56	-1	.30	60	52	56	NA	NA	NA	.14
03/22	68	-2	56	11	62	4	.15	61	56	59	NA	NA	NA	.08
03/23	64	-6	45	0	55	-3	.00	62	56	59	NA	NA	NA	.09
03/24	70	0	45	-1	58	0	.27	64	56	60	NA	NA	NA	.13
03/25	72	1	46	0	59	0	.00	65	57	61	NA	NA	NA	.14
03/26	77	6	46	0	62	3	.00	69	56	63	NA	NA	NA	.18
03/27	78	7	49	3	64	5	.00	65	56	61	NA	NA	NA	.17
03/28	74	3	51	4	63	4	.05	67	57	62	NA	NA	NA	.14
03/29	85	13	63	16	74	14	.00	71	62	67	NA	NA	NA	.18
03/30	85	13	64	17	75	15	.00	73	65	69	NA	NA	NA	.17
03/31	85	13	57	9	71	11	.11	73	65	69	NA	NA	NA	.20

AIR TEMPERATURES:
Mean Maximum= 71.5 DFN= +3.6 Mean Minimum= 47.6 DFN= +4.1 Average= 59.6 DFN= +3.9
Highest= 85 Lowest= 31

PRECIPITATION STATISTICS:
Total= 1.52 DFN= -5.30 Greatest Daily= .30 Rain Days= 9

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .13

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
04/ 1	64	-9	39	-9	52	-9	.00	67	57	62	NA	NA	NA	.12
04/ 2	68	-5	43	-5	56	-5	.03	66	57	62	NA	NA	NA	.13
04/ 3	63	-11	36	-12	50	-11	.00	65	55	60	NA	NA	NA	.13
04/ 4	80	6	44	-5	62	0	.00	69	55	62	NA	NA	NA	.21
04/ 5	83	9	54	5	69	7	Trace	73	59	66	NA	NA	NA	.20
04/ 6	77	3	43	-6	60	-2	.66	67	59	63	NA	NA	NA	.19
04/ 7	72	-3	43	-7	58	-5	.00	71	58	65	NA	NA	NA	.16
04/ 8	75	0	44	-6	60	-3	.00	71	59	65	NA	NA	NA	.18
04/ 9	65	-10	35	-15	50	-13	.00	70	57	64	NA	NA	NA	.15
04/10	65	-11	31	-19	48	-15	.00	69	56	63	NA	NA	NA	.16
04/11	69	-7	32	-19	51	-13	.00	69	56	63	NA	NA	NA	.18
04/12	77	1	42	-9	60	-4	.03	70	57	64	NA	NA	NA	.20
04/13	74	-2	58	7	66	2	.05	67	62	65	NA	NA	NA	.13
04/14	76	-1	56	5	66	2	.00	70	62	66	NA	NA	NA	.15
04/15	74	-3	58	6	66	1	.92	71	65	68	NA	NA	NA	.13
04/16	66	-11	49	-3	58	-7	.30	68	61	65	NA	NA	NA	.11
04/17	74	-3	49	-3	62	-3	.00	73	61	67	NA	NA	NA	.16
04/18	84	6	56	4	70	5	.00	77	63	70	NA	NA	NA	.20
04/19	83	5	55	2	69	3	.00	76	66	71	NA	NA	NA	.20
04/20	83	5	59	6	71	5	.00	81	68	75	NA	NA	NA	.19
04/21	84	6	58	5	71	5	.00	81	68	75	NA	NA	NA	.20
04/22	85	6	58	5	72	6	.00	82	69	76	NA	NA	NA	.21
04/23	84	5	61	7	73	6	.00	79	69	74	NA	NA	NA	.19
04/24	85	6	62	8	74	7	1.30	81	71	76	NA	NA	NA	.20
04/25	76	-3	59	5	68	1	.50	75	70	73	NA	NA	NA	.15
04/26	78	-2	62	8	70	3	.00	80	70	75	NA	NA	NA	.15
04/27	80	0	66	11	73	5	.07	78	71	75	NA	NA	NA	.15
04/28	83	3	66	11	75	7	.05	79	71	75	NA	NA	NA	.17
04/29	84	4	65	10	75	7	.00	81	73	77	NA	NA	NA	.18
04/30	87	7	65	10	76	8	.00	83	73	78	NA	NA	NA	.20

AIR TEMPERATURES:
Mean Maximum= 76.6 DFN= -.3 Mean Minimum= 51.6 DFN= -.1 Average= 64.1 DFN= -.2
Highest= 87 Lowest= 31

PRECIPITATION STATISTICS:
Total= 3.91 DFN= -1.51 Greatest Daily= 1.30 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .17

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
05/ 1	83	3	65	9	74	6	.00	80	73	77	NA	NA	NA	.18
05/ 2	79	-2	66	10	73	4	.30	87	73	80	NA	NA	NA	.15
05/ 3	83	2	62	6	73	4	.05	82	73	78	NA	NA	NA	.19
05/ 4	70	-11	55	-1	63	-6	.00	74	68	71	NA	NA	NA	.13
05/ 5	76	-5	54	-3	65	-4	.00	77	66	72	NA	NA	NA	.17
05/ 6	80	-1	56	-1	68	-1	.00	81	67	74	NA	NA	NA	.19
05/ 7	86	5	57	0	72	3	.00	83	69	76	NA	NA	NA	.22
05/ 8	85	3	66	9	76	6	.05	80	72	76	NA	NA	NA	.19
05/ 9	84	2	64	7	74	4	.40	79	72	76	NA	NA	NA	.19
05/10	71	-11	64	6	68	-2	.38	72	70	71	NA	NA	NA	.11
05/11	80	-2	63	5	72	2	.05	77	70	74	NA	NA	NA	.17
05/12	81	-1	65	7	73	3	.16	78	70	74	NA	NA	NA	.17
05/13	87	4	66	8	77	6	Trace	83	71	77	NA	NA	NA	.20
05/14	87	4	66	7	77	6	.00	86	73	80	NA	NA	NA	.20
05/15	88	5	67	8	78	7	.00	86	75	81	NA	NA	NA	.21
05/16	82	-1	55	-4	69	-2	.00	85	72	79	NA	NA	NA	.21
05/17	85	1	55	-4	70	-2	.00	84	71	78	NA	NA	NA	.23
05/18	74	-10	52	-8	63	-9	.00	77	68	73	NA	NA	NA	.17
05/19	77	-7	54	-6	66	-6	.00	77	68	73	NA	NA	NA	.18
05/20	83	-1	60	0	72	0	.00	84	69	77	NA	NA	NA	.20
05/21	85	1	60	0	73	1	.00	84	73	79	NA	NA	NA	.21
05/22	89	4	65	4	77	4	.17	85	74	80	NA	NA	NA	.22
05/23	86	1	63	2	75	2	.00	85	74	80	NA	NA	NA	.21
05/24	78	-7	58	-3	68	-5	.00	80	72	76	NA	NA	NA	.17
05/25	80	-5	55	-6	68	-5	.00	83	72	78	NA	NA	NA	.20
05/26	82	-4	54	-8	68	-6	.00	84	72	78	NA	NA	NA	.21
05/27	86	0	55	-7	71	-3	.00	86	72	79	NA	NA	NA	.24
05/28	89	3	58	-4	74	0	.00	85	73	79	NA	NA	NA	.25
05/29	87	1	65	3	76	2	.00	85	75	80	NA	NA	NA	.21
05/30	85	-1	68	5	77	2	.00	85	76	81	NA	NA	NA	.19
05/31	91	4	68	5	80	5	.00	88	76	82	NA	NA	NA	.23

AIR TEMPERATURES:
Mean Maximum= 82.5 Mean Minimum= 60.7 Average= 71.6
DFN= -.8 DFN= +1.5 DFN= +.3
Highest= 91 Lowest= 52

PRECIPITATION STATISTICS:
Total= 1.56 DFN= -2.37 Greatest Daily= .40 Rain Days= 8

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

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in
inches, vegetative wetting is in hours and solar energy is in Watts per
square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
06/ 1	94	7	71	8	83	8	.00	90	78	84	NA	NA	NA	.24
06/ 2	97	10	74	10	86	10	.00	92	79	86	NA	NA	NA	.25
06/ 3	97	9	72	8	85	9	.00	92	82	87	NA	NA	NA	.25
06/ 4	97	9	70	6	84	8	.00	93	82	88	NA	NA	NA	.26
06/ 5	100	12	71	7	86	10	.00	95	82	89	NA	NA	NA	.28
06/ 6	101	13	72	8	87	11	.00	95	83	89	NA	NA	NA	.28
06/ 7	102	14	73	8	88	11	.00	94	83	89	NA	NA	NA	.28
06/ 8	99	10	69	4	84	7	.00	94	83	89	NA	NA	NA	.28
06/ 9	92	3	69	4	81	4	.00	92	82	87	NA	NA	NA	.23
06/10	97	8	70	5	84	7	Trace	91	81	86	NA	NA	NA	.26
06/11	86	-3	70	4	78	0	.11	86	80	83	NA	NA	NA	.19
06/12	86	-3	67	1	77	-1	.47	83	77	80	NA	NA	NA	.20
06/13	80	-9	55	-11	68	-10	.00	81	72	77	NA	NA	NA	.20
06/14	80	-10	55	-11	68	-10	.00	84	72	78	NA	NA	NA	.20
06/15	84	-6	55	-11	70	-8	.00	86	72	79	NA	NA	NA	.23
06/16	80	-10	70	3	75	-4	.56	80	76	78	NA	NA	NA	.15
06/17	90	0	72	5	81	2	.00	86	76	81	NA	NA	NA	.21
06/18	90	0	68	1	79	0	.70	87	78	83	NA	NA	NA	.22
06/19	81	-9	68	1	75	-4	.36	81	76	79	NA	NA	NA	.17
06/20	74	-16	62	-5	68	-11	.35	76	72	74	NA	NA	NA	.14
06/21	85	-6	61	-6	73	-6	.00	85	72	79	NA	NA	NA	.21
06/22	87	-4	61	-6	74	-5	.00	83	74	79	NA	NA	NA	.23
06/23	90	-1	67	-1	79	-1	.00	88	76	82	NA	NA	NA	.23
06/24	91	0	69	1	80	0	.00	88	78	83	NA	NA	NA	.23
06/25	93	2	70	2	82	2	.00	90	79	85	NA	NA	NA	.24
06/26	94	3	70	2	82	2	.00	90	80	85	NA	NA	NA	.24
06/27	93	2	70	2	82	2	.00	90	81	86	NA	NA	NA	.24
06/28	90	-1	70	2	80	0	.24	86	79	83	NA	NA	NA	.22
06/29	86	-5	68	0	77	-3	.00	86	79	83	NA	NA	NA	.20
06/30	80	-11	66	-2	73	-7	.00	80	76	78	NA	NA	NA	.17

AIR TEMPERATURES:
Mean Maximum= 89.9 Mean Minimum= 67.5 Average= 78.7
DFN= +.3 DFN= +1.3 DFN= +.8
Highest= 102 Lowest= 55

PRECIPITATION STATISTICS:
Total= 2.79 DFN= -1.32 Greatest Daily= .70 Rain Days= 7

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .22

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
07/ 1	85	-6	63	-5	74	-6	.00	84	76	80	NA	NA	NA	.21
07/ 2	86	-5	63	-6	75	-5	.00	85	76	81	NA	NA	NA	.21
07/ 3	86	-5	65	-4	76	-4	.00	84	78	81	NA	NA	NA	.21
07/ 4	92	1	65	-4	79	-1	.00	87	78	83	NA	NA	NA	.24
07/ 5	90	-1	68	-1	79	-1	.00	87	79	83	NA	NA	NA	.22
07/ 6	80	-11	67	-2	74	-6	2.00	81	75	78	NA	NA	NA	.16
07/ 7	77	-15	67	-2	72	-9	.35	78	75	77	NA	NA	NA	.14
07/ 8	85	-7	70	1	78	-3	.00	83	75	79	NA	NA	NA	.18
07/ 9	88	-4	70	1	79	-2	.00	86	78	82	NA	NA	NA	.20
07/10	91	-1	70	1	81	0	.00	88	79	84	NA	NA	NA	.22
07/11	95	3	72	3	84	3	.00	90	80	85	NA	NA	NA	.24
07/12	95	3	67	-2	81	0	.00	90	81	86	NA	NA	NA	.26
07/13	93	1	68	-1	81	0	.00	90	81	86	NA	NA	NA	.24
07/14	94	2	71	2	83	2	.00	90	82	86	NA	NA	NA	.24
07/15	95	3	71	2	83	2	.00	91	82	87	NA	NA	NA	.24
07/16	92	0	71	2	82	1	Trace	89	82	86	NA	NA	NA	.22
07/17	92	0	69	0	81	0	.00	89	82	86	NA	NA	NA	.22
07/18	91	-1	70	1	81	0	.00	89	82	86	NA	NA	NA	.22
07/19	93	1	72	3	83	2	.00	89	82	86	NA	NA	NA	.23
07/20	92	0	71	2	82	1	.00	89	82	86	NA	NA	NA	.22
07/21	93	1	70	0	82	1	.00	90	82	86	NA	NA	NA	.23
07/22	95	3	70	0	83	2	.00	90	83	87	NA	NA	NA	.24
07/23	93	1	69	-1	81	0	1.14	88	80	84	NA	NA	NA	.23
07/24	84	-8	69	-1	77	-4	.00	85	80	83	NA	NA	NA	.18
07/25	82	-10	71	1	77	-4	.25	85	80	83	NA	NA	NA	.16
07/26	87	-5	73	3	80	-1	.00	86	80	83	NA	NA	NA	.18
07/27	88	-4	74	4	81	0	.20	87	82	85	NA	NA	NA	.19
07/28	84	-8	71	1	78	-3	1.05	83	80	82	NA	NA	NA	.17
07/29	87	-5	71	1	79	-2	.00	86	80	83	NA	NA	NA	.19
07/30	88	-4	73	3	81	0	.00	86	81	84	NA	NA	NA	.19
07/31	92	0	72	3	82	1	.10	87	81	84	NA	NA	NA	.22

AIR TEMPERATURES:
Mean Maximum= 89.2 Mean Minimum= 69.5 Average= 79.3
DFN= -2.6 DFN= +.2 DFN= -1.2
Highest= 95 Lowest= 63

PRECIPITATION STATISTICS:
Total= 5.09 DFN= +.40 Greatest Daily= 2.00 Rain Days= 7

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .21

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in
inches, vegetative wetting is in hours and solar energy is in Watts per
square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
08/ 1	92	0	72	2	82	1	.00	88	81	85	NA	NA	NA	.22
08/ 2	94	2	67	-3	81	0	1.17	86	81	84	NA	NA	NA	.24
08/ 3	87	-5	70	0	79	-2	.00	86	81	84	NA	NA	NA	.19
08/ 4	84	-8	67	-2	76	-5	.00	83	78	81	NA	NA	NA	.18
08/ 5	85	-7	66	-3	76	-5	.00	84	78	81	NA	NA	NA	.19
08/ 6	88	-4	66	-3	77	-4	.00	85	78	82	NA	NA	NA	.21
08/ 7	88	-4	70	1	79	-2	.00	84	80	82	NA	NA	NA	.19
08/ 8	88	-4	72	3	80	-1	Trace	85	80	83	NA	NA	NA	.19
08/ 9	89	-3	70	1	80	-1	.00	87	81	84	NA	NA	NA	.20
08/10	92	0	71	2	82	1	.00	88	81	85	NA	NA	NA	.21
08/11	93	1	72	3	83	2	.00	88	82	85	NA	NA	NA	.22
08/12	95	3	71	2	83	2	.25	89	82	86	NA	NA	NA	.23
08/13	91	-1	70	1	81	0	.00	89	81	85	NA	NA	NA	.21
08/14	91	-1	70	1	81	0	.00	88	81	85	NA	NA	NA	.21
08/15	91	-1	69	0	80	-1	.10	88	81	85	NA	NA	NA	.21
08/16	89	-3	70	1	80	-1	.04	85	79	82	NA	NA	NA	.20
08/17	85	-7	73	4	79	-2	.20	81	79	80	NA	NA	NA	.16
08/18	88	-3	70	1	79	-1	.00	86	80	83	NA	NA	NA	.19
08/19	90	-1	68	-1	79	-1	.00	87	80	84	NA	NA	NA	.21
08/20	94	3	69	0	82	2	.00	87	80	84	NA	NA	NA	.23
08/21	92	1	70	1	81	1	.00	87	80	84	NA	NA	NA	.21
08/22	91	0	65	-4	78	-2	.00	89	81	85	NA	NA	NA	.22
08/23	91	0	65	-3	78	-2	.00	88	81	85	NA	NA	NA	.22
08/24	95	4	69	1	82	2	.00	88	82	85	NA	NA	NA	.23
08/25	96	5	68	0	82	2	.95	89	81	85	NA	NA	NA	.24
08/26	88	-3	65	-3	77	-3	2.05	85	77	81	NA	NA	NA	.20
08/27	82	-8	66	-2	74	-5	.00	80	77	79	NA	NA	NA	.16
08/28	84	-6	68	0	76	-3	Trace	81	77	79	NA	NA	NA	.16
08/29	89	-1	69	1	79	0	.01	83	77	80	NA	NA	NA	.19
08/30	89	-1	70	2	80	1	.01	84	78	81	NA	NA	NA	.19
08/31	89	-1	69	1	79	0	.10	85	78	82	NA	NA	NA	.19

AIR TEMPERATURES:
Mean Maximum= 89.7 DFN= -1.7 Mean Minimum= 68.9 DFN= +.1 Average= 79.3 DFN= -.8
Highest= 96 Lowest= 65

PRECIPITATION STATISTICS:
Total= 4.88 DFN= +1.35 Greatest Daily= 2.05 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .20

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
09/ 1	89	-1	70	2	80	1	.00	85	79	82	NA	NA	NA	.19
09/ 2	88	-2	74	7	81	2	Trace	83	79	81	NA	NA	NA	.17
09/ 3	85	-4	71	4	78	0	.34	80	78	79	NA	NA	NA	.16
09/ 4	88	-1	69	2	79	1	.00	82	78	80	NA	NA	NA	.18
09/ 5	89	0	71	4	80	2	.00	84	78	81	NA	NA	NA	.18
09/ 6	90	1	69	2	80	2	.00	85	80	83	NA	NA	NA	.19
09/ 7	91	2	68	1	80	2	.00	86	80	83	NA	NA	NA	.20
09/ 8	89	0	69	3	79	1	.00	87	80	84	NA	NA	NA	.19
09/ 9	91	3	69	3	80	3	.00	87	80	84	NA	NA	NA	.20
09/10	91	3	68	2	80	3	.00	87	80	84	NA	NA	NA	.20
09/11	92	4	69	3	81	4	.00	87	80	84	NA	NA	NA	.20
09/12	91	3	69	3	80	3	.00	87	80	84	NA	NA	NA	.20
09/13	87	-1	69	4	78	1	.00	86	80	83	NA	NA	NA	.17
09/14	85	-2	64	-1	75	-1	.00	84	77	81	NA	NA	NA	.17
09/15	76	-11	48	-17	62	-14	.00	81	73	77	NA	NA	NA	.16
09/16	79	-8	53	-11	66	-10	.00	79	73	76	NA	NA	NA	.17
09/17	81	-6	57	-7	69	-7	.00	78	73	76	NA	NA	NA	.17
09/18	84	-2	59	-5	72	-3	.00	80	73	77	NA	NA	NA	.18
09/19	86	0	58	-5	72	-3	.00	80	73	77	NA	NA	NA	.19
09/20	85	-1	60	-3	73	-2	.00	80	73	77	NA	NA	NA	.18
09/21	89	4	60	-2	75	1	.00	81	74	78	NA	NA	NA	.20
09/22	89	4	63	1	76	2	.00	81	75	78	NA	NA	NA	.19
09/23	86	1	67	5	77	3	.03	81	75	78	NA	NA	NA	.16
09/24	73	-12	70	9	72	-1	1.50	76	75	76	NA	NA	NA	.07
09/25	73	-11	61	0	67	-6	.00	76	73	75	NA	NA	NA	.10
09/26	86	2	62	2	74	2	.00	79	73	76	NA	NA	NA	.18
09/27	77	-7	49	-11	63	-9	.00	77	70	74	NA	NA	NA	.16
09/28	77	-6	46	-13	62	-9	.00	75	68	72	NA	NA	NA	.17
09/29	76	-7	46	-13	61	-10	.00	75	68	72	NA	NA	NA	.16
09/30	81	-2	64	6	73	2	.00	75	68	72	NA	NA	NA	.13

AIR TEMPERATURES:
Mean Maximum= 84.8 Mean Minimum= 63.1 Average= 73.9
DFN= -1.9 DFN= -.8 DFN= -1.4
Highest= 92 Lowest= 46

PRECIPITATION STATISTICS:
Total= 1.87 DFN= -1.68 Greatest Daily= 1.50 Rain Days= 3

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .17

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	84	2	65	7	75	5	.97	76	71	74	NA	NA	NA	.15
10/ 2	68	-14	52	-5	60	-10	.40	73	67	70	NA	NA	NA	.09
10/ 3	60	-22	53	-4	57	-13	.07	67	67	67	NA	NA	NA	.03
10/ 4	76	-5	59	3	68	-1	.00	72	66	69	NA	NA	NA	.12
10/ 5	83	2	59	4	71	3	.00	73	69	71	NA	NA	NA	.16
10/ 6	71	-10	41	-14	56	-12	.00	71	64	68	NA	NA	NA	.14
10/ 7	69	-11	42	-12	56	-11	.00	70	63	67	NA	NA	NA	.12
10/ 8	73	-7	42	-12	58	-9	.00	70	63	67	NA	NA	NA	.15
10/ 9	77	-3	49	-4	63	-4	.00	71	63	67	NA	NA	NA	.15
10/10	83	4	58	5	71	5	.00	73	66	70	NA	NA	NA	.16
10/11	84	5	58	5	71	5	.00	75	69	72	NA	NA	NA	.16
10/12	86	7	59	7	73	7	.00	76	69	73	NA	NA	NA	.17
10/13	88	10	60	8	74	9	Trace	73	70	72	NA	NA	NA	.18
10/14	86	8	67	16	77	12	.00	75	72	74	NA	NA	NA	.14
10/15	87	10	67	16	77	13	.00	79	73	76	NA	NA	NA	.15
10/16	81	4	67	17	74	10	.42	77	74	76	NA	NA	NA	.11
10/17	78	1	65	15	72	8	.03	75	72	74	NA	NA	NA	.10
10/18	84	8	65	15	75	12	.00	76	72	74	NA	NA	NA	.14
10/19	78	2	64	15	71	8	.00	75	71	73	NA	NA	NA	.10
10/20	76	0	63	14	70	7	.00	75	71	73	NA	NA	NA	.09
10/21	86	11	64	16	75	13	.00	77	71	74	NA	NA	NA	.15
10/22	87	12	66	18	77	15	.07	78	72	75	NA	NA	NA	.15
10/23	82	7	66	18	74	12	Trace	77	73	75	NA	NA	NA	.12
10/24	82	8	68	21	75	14	.10	76	73	75	NA	NA	NA	.11
10/25	81	7	65	18	73	12	.00	76	72	74	NA	NA	NA	.11
10/26	78	4	64	17	71	10	.00	74	71	73	NA	NA	NA	.09
10/27	76	3	58	12	67	7	.32	74	69	72	NA	NA	NA	.10
10/28	67	-6	58	12	63	3	.62	69	62	66	NA	NA	NA	.04
10/29	73	1	65	19	69	10	.17	69	62	66	NA	NA	NA	.06
10/30	73	1	58	13	66	7	.03	69	65	67	NA	NA	NA	.08
10/31	65	-7	57	12	61	2	.08	65	65	65	NA	NA	NA	.03

AIR TEMPERATURES:
Mean Maximum= 78.1 Mean Minimum= 59.5 Average= 68.8
DFN= +1.0 DFN= +8.8 DFN= +4.9
Highest= 88 Lowest= 41

PRECIPITATION STATISTICS:
Total= 3.28 DFN= +.53 Greatest Daily= .97 Rain Days= 12

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .12

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL			VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	73	2	57	12	65	7	1.78	67	65	66	NA	NA	NA	.08
11/ 2	61	-10	55	11	58	0	.02	67	63	65	NA	NA	NA	.01
11/ 3	61	-10	55	11	58	0	.01	63	62	63	NA	NA	NA	.01
11/ 4	61	-9	41	-3	51	-6	.00	62	57	60	NA	NA	NA	.05
11/ 5	59	-11	37	-7	48	-9	.00	59	52	56	NA	NA	NA	.05
11/ 6	58	-12	32	-11	45	-12	.00	56	51	54	NA	NA	NA	.06
11/ 7	64	-5	34	-9	49	-7	.00	58	51	55	NA	NA	NA	.09
11/ 8	65	-4	34	-9	50	-6	.00	58	52	55	NA	NA	NA	.10
11/ 9	66	-3	35	-7	51	-5	.00	57	51	54	NA	NA	NA	.10
11/10	72	4	46	4	59	4	.00	58	51	55	NA	NA	NA	.10
11/11	78	10	51	9	65	10	.00	62	55	59	NA	NA	NA	.12
11/12	79	11	53	11	66	11	.00	65	58	62	NA	NA	NA	.12
11/13	80	13	60	19	70	16	.00	68	62	65	NA	NA	NA	.11
11/14	76	9	58	17	67	13	.00	68	63	66	NA	NA	NA	.09
11/15	78	11	59	18	69	15	.00	65	63	64	NA	NA	NA	.10
11/16	73	12	64	23	71	17	.00	69	65	67	NA	NA	NA	.08
11/17	80	14	62	21	71	17	.00	70	66	68	NA	NA	NA	.10
11/18	80	14	57	17	69	16	.00	69	65	67	NA	NA	NA	.11
11/19	83	18	58	18	71	18	.00	69	65	67	NA	NA	NA	.13
11/20	80	15	61	21	71	18	.00	70	65	68	NA	NA	NA	.10
11/21	72	7	55	15	64	11	.00	67	63	65	NA	NA	NA	.07
11/22	59	-5	53	14	56	4	.30	63	61	62	NA	NA	NA	.00
11/23	68	4	41	2	55	3	.00	63	58	61	NA	NA	NA	.08
11/24	72	8	42	3	57	5	.00	63	58	61	NA	NA	NA	.11
11/25	74	10	48	9	61	9	.00	64	58	61	NA	NA	NA	.10
11/26	74	11	59	20	67	16	.00	66	62	64	NA	NA	NA	.06
11/27	79	16	65	27	72	21	.07	67	63	65	NA	NA	NA	.08
11/28	78	15	66	28	72	21	.14	69	66	68	NA	NA	NA	.07
11/29	75	12	60	22	68	17	.20	68	66	67	NA	NA	NA	.07
11/30	63	1	58	20	61	11	.20	65	64	65	NA	NA	NA	.00

AIR TEMPERATURES:
Mean Maximum= 71.5 Mean Minimum= 51.9 Average= 61.7
DFN= +4.9 DFN= +10.9 DFN= +7.9
Highest= 83 Lowest= 32

PRECIPITATION STATISTICS:
Total= 2.72 DFN= -.54 Greatest Daily= 1.78 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .08

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: MARION JUNCTION 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	67	5	59	21	63	13	Trace	65	65	65	NA	NA	NA	.02
12/ 2	70	8	34	-4	52	2	.50	66	56	61	NA	NA	NA	.12
12/ 3	46	-16	26	-11	36	-14	.00	56	48	52	NA	NA	NA	.00
12/ 4	47	-14	26	-11	37	-12	.00	50	46	48	NA	NA	NA	.00
12/ 5	58	-3	26	-11	42	-7	.00	51	46	49	NA	NA	NA	.06
12/ 6	55	-6	35	-2	45	-4	.05	53	48	51	NA	NA	NA	.02
12/ 7	54	-7	25	-12	40	-9	.00	51	45	48	NA	NA	NA	.04
12/ 8	56	-4	25	-12	41	-8	.00	49	45	47	NA	NA	NA	.05
12/ 9	69	9	38	2	54	6	.00	53	46	50	NA	NA	NA	.09
12/10	69	9	40	4	55	7	.00	54	49	52	NA	NA	NA	.09
12/11	71	11	40	4	56	8	.00	57	52	55	NA	NA	NA	.10
12/12	77	17	57	21	67	19	1.16	60	54	57	NA	NA	NA	.08
12/13	62	3	47	11	55	7	1.08	60	57	59	NA	NA	NA	.02
12/14	62	3	23	-13	43	-5	Trace	57	47	52	NA	NA	NA	.10
12/15	35	-24	16	-20	26	-22	.00	47	43	45	NA	NA	NA	.00
12/16	42	-17	19	-17	31	-17	.00	47	41	44	NA	NA	NA	.00
12/17	51	-8	22	-13	37	-10	.00	43	41	42	NA	NA	NA	.03
12/18	55	-3	26	-9	41	-6	.00	43	41	42	NA	NA	NA	.04
12/19	51	-7	21	-14	36	-11	.00	46	42	44	NA	NA	NA	.03
12/20	42	-16	21	-14	32	-15	.00	42	41	42	NA	NA	NA	.00
12/21	48	-10	22	-13	35	-12	.00	41	41	41	NA	NA	NA	.01
12/22	40	-18	20	-15	30	-17	.00	41	40	41	NA	NA	NA	.00
12/23	60	3	20	-15	40	-6	.00	42	39	41	NA	NA	NA	.09
12/24	64	7	34	-1	49	3	.00	47	42	45	NA	NA	NA	.07
12/25	58	1	20	-15	39	-7	.00	46	43	45	NA	NA	NA	.08
12/26	29	-28	11	-24	20	-26	.00	43	41	42	NA	NA	NA	.00
12/27	39	-18	11	-24	25	-21	.00	41	37	39	NA	NA	NA	.00
12/28	47	-10	28	-7	38	-8	.52	41	37	39	NA	NA	NA	.00
12/29	46	-11	28	-7	37	-9	.02	43	38	41	NA	NA	NA	.00
12/30	54	-2	24	-11	39	-7	.00	43	41	42	NA	NA	NA	.04
12/31	57	1	24	-10	41	-4	Trace	41	40	41	NA	NA	NA	.06

AIR TEMPERATURES:
Mean Maximum= 54.2 Mean Minimum= 28.0 Average= 41.1
DFN= -4.7 DFN= -7.8 DFN= -6.2
Highest= 77 Lowest= 11

PRECIPITATION STATISTICS:
Total= 3.33 DFN= -2.10 Greatest Daily= 1.16 Rain Days= 6

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .04

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: THORSBY 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
01/ 1	75	21	42	10	59	16	Trace	68	62	65	NA	NA	NA	.12
01/ 2	75	21	42	10	59	16	.61	67	54	61	NA	NA	NA	.12
01/ 3	43	-11	38	6	41	-2	.27	54	48	51	NA	NA	NA	.00
01/ 4	44	-10	26	-6	35	-8	.90	50	40	45	NA	NA	NA	.00
01/ 5	28	-26	21	-10	25	-18	.00	41	35	38	NA	NA	NA	.00
01/ 6	46	-8	20	-11	33	-10	.00	49	34	42	NA	NA	NA	.01
01/ 7	51	-3	22	-9	37	-6	.00	50	35	43	NA	NA	NA	.03
01/ 8	51	-3	28	-3	40	-3	.00	54	39	47	NA	NA	NA	.01
01/ 9	52	-2	28	-3	40	-3	.00	52	38	45	NA	NA	NA	.02
01/10	50	-4	32	1	41	-2	.00	52	41	47	NA	NA	NA	.00
01/11	50	-4	38	7	44	1	.00	49	43	46	NA	NA	NA	.00
01/12	39	-14	24	-7	32	-10	.00	45	35	40	NA	NA	NA	.00
01/13	32	-21	19	-12	26	-16	.00	45	35	40	NA	NA	NA	.00
01/14	42	-11	22	-9	32	-10	.00	45	35	40	NA	NA	NA	.00
01/15	49	-4	27	-4	38	-4	.00	48	36	42	NA	NA	NA	.01
01/16	44	-10	26	-5	35	-8	.00	49	36	43	NA	NA	NA	.00
01/17	47	-7	25	-6	36	-7	.90	49	35	42	NA	NA	NA	.00
01/18	40	-14	27	-4	34	-9	.00	44	36	40	NA	NA	NA	.00
01/19	50	-4	27	-4	39	-4	.00	51	35	43	NA	NA	NA	.01
01/20	56	2	13	-18	35	-8	Trace	52	35	44	NA	NA	NA	.10
01/21	13	-41	-4	-35	5	-38	.00	38	30	34	NA	NA	NA	.00
01/22	21	-33	-4	-35	9	-34	.00	38	35	37	NA	NA	NA	.00
01/23	43	-11	16	-15	30	-13	.00	35	29	32	NA	NA	NA	.01
01/24	45	-9	26	-6	36	-7	.00	35	31	33	NA	NA	NA	.00
01/25	51	-3	28	-4	40	-3	.00	44	32	38	NA	NA	NA	.02
01/26	57	3	15	-17	36	-7	.00	49	34	42	NA	NA	NA	.10
01/27	40	-14	18	-14	29	-14	.00	38	34	36	NA	NA	NA	.00
01/28	40	-15	20	-12	30	-14	.18	40	34	37	NA	NA	NA	.00
01/29	41	-14	28	-4	35	-9	.00	45	36	41	NA	NA	NA	.00
01/30	52	-3	27	-5	40	-4	.04	56	35	46	NA	NA	NA	.03
01/31	63	8	39	7	51	7	.77	52	41	47	NA	NA	NA	.07

AIR TEMPERATURES:
Mean Maximum= 46.1 Mean Minimum= 24.4 Average= 35.3
DFN= -7.9 DFN= -7.0 DFN= -7.4
Highest= 75 Lowest= -4

PRECIPITATION STATISTICS:
Total= 3.67 DFN= -1.73 Greatest Daily= .90 Rain Days= 7

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .02

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: THORSBY 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
02/ 1	66	11	38	6	52	8	.79	57	41	49	NA	NA	NA	.09
02/ 2	40	-15	32	0	36	-8	.29	49	41	45	NA	NA	NA	.00
02/ 3	32	-24	21	-11	27	-17	.10	41	35	38	NA	NA	NA	.00
02/ 4	35	-21	21	-11	28	-16	.00	43	34	39	NA	NA	NA	.00
02/ 5	55	-1	25	-7	40	-4	1.33	50	33	42	NA	NA	NA	.06
02/ 6	45	-11	42	10	44	0	.60	45	41	43	NA	NA	NA	.00
02/ 7	45	-11	23	-9	34	-10	.01	45	35	40	NA	NA	NA	.01
02/ 8	42	-15	20	-12	31	-14	.00	45	35	40	NA	NA	NA	.00
02/ 9	44	-13	20	-13	32	-13	.00	46	34	40	NA	NA	NA	.01
02/10	55	-2	27	-6	41	-4	.00	52	33	43	NA	NA	NA	.06
02/11	62	5	44	11	53	8	.31	53	38	46	NA	NA	NA	.05
02/12	53	-4	21	-12	37	-8	.18	49	35	42	NA	NA	NA	.07
02/13	40	-18	22	-11	31	-15	.00	46	34	40	NA	NA	NA	.00
02/14	50	-8	24	-9	37	-9	.00	47	33	40	NA	NA	NA	.04
02/15	56	-2	24	-9	40	-6	.00	46	34	40	NA	NA	NA	.08
02/16	54	-4	26	-8	40	-6	.00	48	34	41	NA	NA	NA	.06
02/17	54	-4	28	-6	41	-5	.00	50	34	42	NA	NA	NA	.06
02/18	63	4	30	-4	47	0	.00	55	42	49	NA	NA	NA	.11
02/19	68	9	42	8	55	8	.00	56	41	49	NA	NA	NA	.10
02/20	59	0	44	10	52	5	.16	55	46	51	NA	NA	NA	.04
02/21	67	8	44	9	56	9	.00	63	46	55	NA	NA	NA	.09
02/22	73	13	47	12	60	12	.00	62	43	53	NA	NA	NA	.12
02/23	79	19	50	15	65	17	.00	64	48	56	NA	NA	NA	.15
02/24	79	19	57	22	68	20	.20	64	51	58	NA	NA	NA	.13
02/25	61	1	51	15	56	8	.18	60	56	58	NA	NA	NA	.03
02/26	72	11	50	14	61	12	2.28	56	56	56	NA	NA	NA	.11
02/27	65	4	49	13	57	8	.02	60	53	57	NA	NA	NA	.07
02/28	60	-1	37	1	49	0	.02	60	44	52	NA	NA	NA	.07

AIR TEMPERATURES:
Mean Maximum= 56.2 Mean Minimum= 34.3 Average= 45.2
DFN= -1.8 DFN= +.6 DFN= -.6
Highest= 79 Lowest= 20

PRECIPITATION STATISTICS:
Total= 6.47 DFN= +1.34 Greatest Daily= 2.28 Rain Days= 14

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .06

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evaportanspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: THORSBY 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
03/ 1	68	7	37	0	53	4	.14	63	43	53	NA	NA	NA	.13
03/ 2	52	-10	43	6	48	-2	.30	54	49	52	NA	NA	NA	.01
03/ 3	63	1	42	5	53	3	.00	64	49	57	NA	NA	NA	.08
03/ 4	71	9	47	9	59	9	.00	68	48	58	NA	NA	NA	.12
03/ 5	75	13	51	13	63	13	.13	67	51	59	NA	NA	NA	.13
03/ 6	64	1	38	0	51	0	.00	68	46	57	NA	NA	NA	.10
03/ 7	66	3	39	1	53	2	.00	65	45	55	NA	NA	NA	.11
03/ 8	66	3	46	7	56	5	.00	63	47	55	NA	NA	NA	.09
03/ 9	72	9	53	14	63	12	.00	75	55	65	NA	NA	NA	.11
03/10	77	13	48	9	63	11	.00	76	54	65	.20	NA	NA	.16
03/11	75	11	51	12	63	11	.00	71	53	62	.19	NA	NA	.13
03/12	85	21	55	15	70	18	.00	73	56	65	.20	NA	NA	.19
03/13	69	4	43	3	56	3	.00	72	53	63	.22	NA	NA	.12
03/14	72	7	45	5	59	6	.00	68	53	61	.16	NA	NA	.14
03/15	71	6	44	3	58	5	Trace	69	52	61	.03	NA	NA	.13
03/16	65	0	44	3	55	2	.00	71	50	61	.17	NA	NA	.10
03/17	52	-14	47	6	50	-4	.03	56	52	54	.03	NA	NA	.01
03/18	61	-5	35	-6	48	-6	.00	68	46	57	.19	NA	NA	.10
03/19	66	0	31	-11	49	-5	.00	69	46	58	.18	NA	NA	.15
03/20	67	0	37	-5	52	-3	.00	72	44	58	.18	NA	NA	.14
03/21	69	2	41	-1	55	0	.50	68	47	58	.15	NA	NA	.14
03/22	61	-6	53	10	57	2	.03	57	53	55	.01	NA	NA	.05
03/23	63	-5	42	-1	53	-3	.00	63	51	57	.10	NA	NA	.10
03/24	70	2	50	7	60	4	.30	71	55	63	.18	NA	NA	.12
03/25	69	1	46	3	58	2	.00	68	53	61	.20	NA	NA	.12
03/26	69	0	40	-4	55	-2	.00	71	49	60	.23	NA	NA	.14
03/27	73	4	46	2	60	3	.00	72	47	60	.21	NA	NA	.15
03/28	70	1	50	6	60	3	.00	65	53	59	NA	NA	NA	.12
03/29	83	13	63	18	73	15	.00	76	61	69	.20	NA	NA	.16
03/30	82	12	63	18	73	15	.00	79	63	71	.21	NA	NA	.16
03/31	82	11	60	15	71	13	.06	78	66	72	.12	NA	NA	.17

AIR TEMPERATURES:
Mean Maximum= 69.3 Mean Minimum= 46.1 Average= 57.7
DFN= +3.7 DFN= +5.2 DFN= +4.5
Highest= 85 Lowest= 31

PRECIPITATION STATISTICS:
Total= 1.49 DFN= -5.86 Greatest Daily= .50 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= .16 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .12

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: THORSBY 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
04/ 1	62	-9	42	-4	52	-7	.07	68	51	60	.08	NA	NA	.10
04/ 2	67	-4	42	-4	55	-4	.00	72	50	61	.29	NA	NA	.13
04/ 3	69	-3	39	-7	54	-5	.00	74	54	64	.23	NA	NA	.15
04/ 4	77	5	47	1	62	3	.00	76	54	65	.25	NA	NA	.18
04/ 5	80	8	55	8	68	8	.00	78	57	68	.23	NA	NA	.17
04/ 6	72	-1	41	-6	57	-3	.62	68	53	61	.32	NA	NA	.17
04/ 7	74	1	50	3	62	2	.00	72	53	63	.18	NA	NA	.15
04/ 8	75	2	44	-3	60	0	.00	75	54	65	.20	NA	NA	.18
04/ 9	65	-9	39	-9	52	-9	.00	75	52	64	.24	NA	NA	.13
04/10	62	-12	33	-15	48	-13	.00	75	51	63	.20	NA	NA	.13
04/11	69	-5	40	-8	55	-6	.00	77	49	63	.20	NA	NA	.16
04/12	75	0	48	-1	62	0	.03	78	54	66	.18	NA	NA	.17
04/13	75	0	51	2	63	1	.00	76	57	67	.08	NA	NA	.16
04/14	74	-1	54	5	64	2	.00	75	60	68	.09	NA	NA	.14
04/15	72	-3	56	7	64	2	1.05	76	62	69	.04	NA	NA	.13
04/16	67	-9	47	-3	57	-6	.46	72	57	65	.20	NA	NA	.12
04/17	73	-3	51	1	62	-1	.00	77	56	67	.18	NA	NA	.15
04/18	83	7	56	6	70	7	.00	78	59	69	.19	NA	NA	.20
04/19	82	5	53	3	68	4	.00	80	62	71	.24	NA	NA	.20
04/20	82	5	57	6	70	6	.00	82	62	72	.19	NA	NA	.19
04/21	86	9	56	5	71	7	.00	86	63	75	.25	NA	NA	.22
04/22	85	8	55	4	70	6	.00	90	66	78	.20	NA	NA	.22
04/23	82	4	62	10	72	7	.00	89	66	78	.23	NA	NA	.18
04/24	82	4	61	9	72	7	.43	87	69	78	.25	NA	NA	.18
04/25	77	-1	60	8	69	4	.12	80	68	74	.12	NA	NA	.15
04/26	81	3	61	9	71	6	.00	86	66	76	.23	NA	NA	.17
04/27	88	10	64	11	76	10	Trace	85	67	76	.21	NA	NA	.21
04/28	82	3	66	13	74	8	.49	85	70	78	.27	NA	NA	.17
04/29	83	4	61	8	72	6	.00	85	69	77	.20	NA	NA	.19
04/30	82	3	62	9	72	6	.00	90	67	79	.22	NA	NA	.18

AIR TEMPERATURES:
Mean Maximum= 76.1 Mean Minimum= 51.8 Average= 63.9
DFN= +.7 DFN= +2.3 DFN= +1.5
Highest= 88 Lowest= 33

PRECIPITATION STATISTICS:
Total= 3.27 DFN= -2.80 Greatest Daily= 1.05 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= .20 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .17

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evaportanspiration in inches.

National Weather Service
SE Ag Weather Service Center, Auburn University, Alabama

Daily Weather Observations for: THORSBY 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
05/ 1	82	3	61	7	72	5	Trace	90	69	80	.22	NA	NA	.18
05/ 2	76	-3	61	7	69	2	.64	78	70	74	.16	NA	NA	.15
05/ 3	79	-1	59	5	69	2	.05	83	68	76	.10	NA	NA	.17
05/ 4	72	-8	55	1	64	-3	.00	71	63	67	.23	NA	NA	.14
05/ 5	76	-4	52	-3	64	-4	.00	83	64	74	.16	NA	NA	.18
05/ 6	79	-1	54	-1	67	-1	.00	88	63	76	.25	NA	NA	.19
05/ 7	89	9	57	2	73	5	.00	90	65	78	.18	NA	NA	.24
05/ 8	83	2	64	9	74	6	.77	88	69	79	.28	NA	NA	.18
05/ 9	85	4	57	1	71	2	1.18	82	67	75	.15	NA	NA	.22
05/10	66	-15	57	1	62	-7	.11	71	65	68	.11	NA	NA	.10
05/11	77	-4	62	6	70	1	.08	78	65	72	.08	NA	NA	.15
05/12	84	3	65	9	75	6	.00	80	64	72	.11	NA	NA	.19
05/13	89	7	62	5	76	6	.00	90	66	78	.15	NA	NA	.23
05/14	86	4	64	7	75	5	.00	93	69	81	.29	NA	NA	.20
05/15	88	6	65	8	77	7	.00	93	72	83	.27	NA	NA	.21
05/16	88	6	50	-7	69	-1	.00	94	69	82	.25	NA	NA	.26
05/17	83	1	56	-2	70	0	.00	94	65	80	.27	NA	NA	.21
05/18	72	-11	50	-8	61	-10	.00	92	65	79	.28	NA	NA	.16
05/19	79	-4	54	-4	67	-4	.00	92	68	80	.12	NA	NA	.19
05/20	85	2	58	0	72	1	.00	92	69	81	.10	NA	NA	.22
05/21	82	-1	59	0	71	0	.00	89	69	79	.17	NA	NA	.20
05/22	87	3	65	6	76	4	.00	94	70	82	.20	NA	NA	.21
05/23	90	6	63	4	77	5	.00	94	73	84	.28	NA	NA	.23
05/24	80	-4	54	-5	67	-5	.00	94	71	83	.25	NA	NA	.20
05/25	80	-4	56	-4	68	-4	.00	92	69	81	.24	NA	NA	.19
05/26	85	1	54	-6	70	-2	.00	94	72	83	.28	NA	NA	.23
05/27	89	4	57	-3	73	0	.00	96	72	84	.23	NA	NA	.25
05/28	86	1	60	0	73	0	.00	95	71	83	.28	NA	NA	.22
05/29	86	1	64	3	75	2	.17	96	73	85	.32	NA	NA	.21
05/30	83	-2	63	2	73	0	.90	86	72	79	NA	NA	NA	.19
05/31	87	1	68	7	78	4	.00	90	72	81	.28	NA	NA	.20

AIR TEMPERATURES:
Mean Maximum= 82.4 Mean Minimum= 58.9 Average= 70.6
DFN= +.1 DFN= +1.5 DFN= +.8
Highest= 90 Lowest= 50

PRECIPITATION STATISTICS:
Total= 3.90 DFN= -.27 Greatest Daily= 1.18 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= .21 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .20

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evaportanspiration in inches.

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Daily Weather Observations for: THORSBY 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
06/ 1	93	7	71	9	82	8	.00	95	74	85	.33	NA	NA	.23
06/ 2	93	7	76	14	85	11	.00	102	78	90	.27	NA	NA	.21
06/ 3	95	9	73	11	84	10	.00	103	79	91	.25	NA	NA	.24
06/ 4	94	7	68	6	81	6	.00	103	80	92	.33	NA	NA	.25
06/ 5	97	10	68	6	83	8	.00	101	78	90	.31	NA	NA	.27
06/ 6	98	11	72	9	85	10	.00	106	82	94	.33	NA	NA	.26
06/ 7	99	12	73	10	86	11	.00	107	82	95	.32	NA	NA	.26
06/ 8	97	10	67	4	82	7	.38	105	78	92	.41	NA	NA	.27
06/ 9	92	4	67	4	80	4	.00	95	76	86	.22	NA	NA	.24
06/10	93	5	70	6	82	6	.00	101	79	90	.21	NA	NA	.23
06/11	79	-9	69	5	74	-2	.00	85	78	82	.06	NA	NA	.15
06/12	82	-6	66	2	74	-2	.00	82	74	78	.20	NA	NA	.18
06/13	76	-12	49	-15	63	-13	.00	83	66	75	.17	NA	NA	.19
06/14	78	-11	50	-14	64	-13	.00	90	64	77	.20	NA	NA	.20
06/15	78	-11	54	-11	66	-11	.00	78	68	73	.20	NA	NA	.19
06/16	78	-11	68	3	73	-4	.55	87	70	79	.29	NA	NA	.15
06/17	87	-2	69	4	78	1	.00	90	79	85	.26	NA	NA	.20
06/18	88	-1	68	3	78	1	.32	90	75	83	.31	NA	NA	.21
06/19	77	-12	67	2	72	-5	.47	83	74	79	.20	NA	NA	.14
06/20	70	-19	59	-7	65	-13	.09	76	70	73	.09	NA	NA	.12
06/21	83	-6	58	-8	71	-7	.00	91	69	80	.17	NA	NA	.21
06/22	89	-1	59	-7	74	-4	.00	89	69	79	.38	NA	NA	.25
06/23	92	2	68	2	80	2	.00	96	77	87	.21	NA	NA	.24
06/24	90	0	67	1	79	1	.00	100	78	89	.22	NA	NA	.23
06/25	91	1	68	2	80	2	.00	107	77	92	.23	NA	NA	.23
06/26	93	3	68	1	81	2	.00	102	76	89	.28	NA	NA	.24
06/27	93	3	68	1	81	2	.00	104	79	92	.29	NA	NA	.24
06/28	91	1	69	2	80	1	.00	97	80	89	.19	NA	NA	.23
06/29	89	-1	69	2	79	0	.75	94	78	86	.15	NA	NA	.21
06/30	85	-5	67	0	76	-3	.00	91	78	85	.21	NA	NA	.19

AIR TEMPERATURES:
Mean Maximum= 88.0 Mean Minimum= 66.2 Average= 77.1
DFN= -.5 DFN= +1.6 DFN= +.5
Highest= 99 Lowest= 49

PRECIPITATION STATISTICS:
Total= 2.56 DFN= -1.15 Greatest Daily= .75 Rain Days= 6

AVERAGE DAILY VALUES:
Pan Evaporation= .24 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .22

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
07/ 1	83	-7	63	-4	73	-6	.00	91	73	82	.21	NA	NA	.19
07/ 2	84	-6	61	-6	73	-6	.00	95	71	83	.29	NA	NA	.21
07/ 3	86	-4	64	-3	75	-4	.00	98	75	87	.16	NA	NA	.21
07/ 4	89	-1	63	-5	76	-3	.35	100	74	87	.31	NA	NA	.23
07/ 5	89	-1	65	-3	77	-2	.40	90	74	82	.21	NA	NA	.23
07/ 6	73	-17	65	-3	69	-10	.78	90	73	82	.08	NA	NA	.12
07/ 7	77	-13	64	-4	71	-8	.39	85	72	79	.07	NA	NA	.15
07/ 8	84	-6	70	2	77	-2	.00	90	75	83	.20	NA	NA	.18
07/ 9	83	-7	69	1	76	-3	.00	93	76	85	.22	NA	NA	.17
07/10	96	5	69	1	83	3	.00	97	75	86	.22	NA	NA	.26
07/11	92	1	71	3	82	2	.00	100	80	90	.26	NA	NA	.22
07/12	93	2	66	-2	80	0	1.34	104	76	90	.35	NA	NA	.25
07/13	92	1	65	-3	79	-1	.00	87	76	82	.22	NA	NA	.24
07/14	92	1	65	-3	79	-1	.00	96	77	87	.30	NA	NA	.24
07/15	92	1	66	-2	79	-1	.00	98	77	88	.30	NA	NA	.24
07/16	92	1	65	-4	79	-1	.11	95	77	86	.03	NA	NA	.24
07/17	83	-8	68	-1	76	-4	.17	91	76	84	.24	NA	NA	.18
07/18	87	-4	67	-2	77	-3	.00	92	75	84	.12	NA	NA	.20
07/19	90	-1	70	1	80	0	.00	97	77	87	.23	NA	NA	.21
07/20	90	-1	68	-1	79	-1	.00	97	78	88	.26	NA	NA	.22
07/21	91	0	70	1	81	1	.00	105	78	92	.21	NA	NA	.22
07/22	93	2	71	2	82	2	.00	106	82	94	.22	NA	NA	.23
07/23	97	6	68	-1	83	3	.44	100	81	91	.20	NA	NA	.26
07/24	89	-2	68	-1	79	-1	.00	90	77	84	.19	NA	NA	.21
07/25	87	-4	70	1	79	-1	.25	88	78	83	.15	NA	NA	.19
07/26	87	-4	70	1	79	-1	Trace	91	77	84	.12	NA	NA	.19
07/27	86	-5	76	7	81	1	Trace	91	72	82	.13	NA	NA	.17
07/28	78	-13	76	8	77	-3	1.68	86	64	75	NA	NA	NA	.12
07/29	86	-5	72	4	79	-1	.13	90	77	84	NA	NA	NA	.18
07/30	88	-3	72	4	80	0	1.27	94	76	85	.17	NA	NA	.19
07/31	88	-3	70	2	79	-1	2.43	93	75	84	NA	NA	NA	.20

AIR TEMPERATURES:
Mean Maximum= 87.6 Mean Minimum= 68.0 Average= 77.8
DFN= -3.1 DFN= -.3 DFN= -1.7
Highest= 97 Lowest= 61

PRECIPITATION STATISTICS:
Total= 9.74 DFN= +4.62 Greatest Daily= 2.43 Rain Days= 13

AVERAGE DAILY VALUES:
Pan Evaporation= .20 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .20

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
08/ 1	88	-3	70	2	79	-1	.00	93	75	84	NA	NA	NA	.20
08/ 2	93	2	70	2	82	2	.15	97	79	88	.31	NA	NA	.23
08/ 3	93	2	69	1	81	1	.68	94	75	85	.31	NA	NA	.23
08/ 4	85	-6	63	-5	74	-6	.00	93	74	84	.20	NA	NA	.20
08/ 5	88	-3	63	-5	76	-4	.00	92	73	83	.24	NA	NA	.22
08/ 6	86	-5	63	-5	75	-5	.00	93	72	83	.18	NA	NA	.20
08/ 7	85	-6	69	1	77	-3	.00	97	76	87	.16	NA	NA	.18
08/ 8	87	-4	69	1	78	-2	2.10	94	78	86	NA	NA	NA	.19
08/ 9	87	-4	69	1	78	-2	.30	92	78	85	NA	NA	NA	.19
08/10	90	-1	69	1	80	0	.25	93	77	85	.28	NA	NA	.21
08/11	91	0	69	1	80	0	.00	94	78	86	.13	NA	NA	.21
08/12	92	1	70	2	81	1	.25	94	77	86	.20	NA	NA	.22
08/13	91	0	69	1	80	0	.00	96	79	88	.30	NA	NA	.21
08/14	90	-1	69	2	80	1	.00	97	78	88	.24	NA	NA	.21
08/15	90	-1	68	1	79	0	.66	96	78	87	.31	NA	NA	.21
08/16	87	-4	68	1	78	-1	.43	93	76	85	.23	NA	NA	.19
08/17	89	-2	71	4	80	1	1.05	84	78	81	.06	NA	NA	.19
08/18	88	-2	69	2	79	0	.00	85	78	82	.29	NA	NA	.19
08/19	89	-1	69	2	79	0	.00	93	76	85	.21	NA	NA	.20
08/20	91	1	69	2	80	1	.00	95	77	86	.23	NA	NA	.21
08/21	90	0	71	4	81	2	.00	94	80	87	.28	NA	NA	.20
08/22	94	4	65	-2	80	1	.00	100	77	89	.15	NA	NA	.24
08/23	89	-1	65	-2	77	-2	.00	100	77	89	.24	NA	NA	.21
08/24	94	4	68	1	81	2	.00	97	76	87	.21	NA	NA	.23
08/25	92	2	70	4	81	3	.55	95	75	85	.20	NA	NA	.21
08/26	87	-3	68	2	78	0	.10	93	75	84	.20	NA	NA	.18
08/27	79	-10	66	0	73	-5	.03	90	75	83	.06	NA	NA	.14
08/28	82	-7	67	1	75	-3	.00	87	75	81	.09	NA	NA	.15
08/29	87	-2	67	1	77	-1	.00	92	74	83	.20	NA	NA	.19
08/30	87	-2	69	3	78	0	.02	92	76	84	.16	NA	NA	.18
08/31	88	-1	68	2	78	0	.00	93	76	85	.18	NA	NA	.19

AIR TEMPERATURES:
Mean Maximum= 88.7 Mean Minimum= 68.0 Average= 78.4
DFN= -1.7 DFN= +.8 DFN= -.4
Highest= 94 Lowest= 63

PRECIPITATION STATISTICS:
Total= 6.57 DFN= +2.48 Greatest Daily= 2.10 Rain Days= 13

AVERAGE DAILY VALUES:
Pan Evaporation= .21 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .20

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
09/ 1	88	-1	67	1	78	0	.00	99	76	88	.21	NA	NA	.19
09/ 2	87	-2	70	4	79	1	.04	96	76	86	.25	NA	NA	.17
09/ 3	86	-2	68	2	77	0	.22	90	76	83	.10	NA	NA	.17
09/ 4	88	0	68	3	78	1	.00	94	75	85	.38	NA	NA	.18
09/ 5	87	-1	69	4	78	1	.02	92	76	84	.17	NA	NA	.17
09/ 6	90	2	69	4	80	3	.19	92	76	84	.14	NA	NA	.19
09/ 7	87	-1	69	4	78	1	.00	90	76	83	.21	NA	NA	.17
09/ 8	92	4	68	3	80	3	.00	97	75	86	.16	NA	NA	.21
09/ 9	91	4	67	3	79	3	.09	100	78	89	.23	NA	NA	.20
09/10	89	2	67	3	78	2	.00	96	76	86	.13	NA	NA	.19
09/11	91	4	67	3	79	3	.00	99	76	88	.26	NA	NA	.20
09/12	91	4	67	3	79	3	.44	95	76	86	.23	NA	NA	.20
09/13	86	-1	66	3	76	1	.00	97	74	86	.14	NA	NA	.17
09/14	78	-8	57	-6	68	-7	.18	83	67	75	.16	NA	NA	.15
09/15	72	-14	49	-14	61	-14	.00	83	64	74	.21	NA	NA	.14
09/16	77	-9	50	-12	64	-10	.00	84	65	75	.15	NA	NA	.16
09/17	78	-8	56	-6	67	-7	.00	87	69	78	.17	NA	NA	.15
09/18	81	-4	57	-5	69	-5	.00	90	67	79	.16	NA	NA	.17
09/19	83	-2	56	-5	70	-3	.00	91	67	79	.19	NA	NA	.18
09/20	88	3	59	-2	74	1	.00	92	69	81	.20	NA	NA	.20
09/21	86	2	60	0	73	1	.00	92	70	81	.17	NA	NA	.19
09/22	87	3	62	2	75	3	.00	95	71	83	.19	NA	NA	.18
09/23	86	2	68	8	77	5	.00	93	73	83	.19	NA	NA	.16
09/24	71	-13	67	8	69	-3	.88	76	73	75	.04	NA	NA	.07
09/25	76	-7	57	-2	67	-4	.00	80	68	74	.11	NA	NA	.13
09/26	84	1	56	-2	70	-1	.00	85	71	78	.15	NA	NA	.18
09/27	87	4	49	-9	68	-3	.00	81	63	72	NA	NA	NA	.22
09/28	72	-10	46	-11	59	-11	.00	83	61	72	.17	NA	NA	.14
09/29	75	-7	51	-6	63	-7	.00	84	57	71	.14	NA	NA	.14
09/30	80	-2	55	-1	68	-1	.00	83	63	73	.14	NA	NA	.16

AIR TEMPERATURES:
Mean Maximum= 83.8 Mean Minimum= 61.2 Average= 72.5
DFN= -1.9 DFN= -.8 DFN= -1.3
Highest= 92 Lowest= 46

PRECIPITATION STATISTICS:
Total= 2.06 DFN= -2.50 Greatest Daily= .88 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= .18 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .17

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	82	1	62	7	72	4	1.03	82	68	75	.13	NA	NA	.15
10/ 2	68	-13	52	-3	60	-8	.35	72	65	69	.09	NA	NA	.09
10/ 3	69	-12	53	-1	61	-7	Trace	70	62	66	.04	NA	NA	.09
10/ 4	78	-2	57	3	68	1	.00	78	66	72	.05	NA	NA	.13
10/ 5	78	-2	55	2	67	0	.00	80	65	73	.13	NA	NA	.14
10/ 6	72	-8	42	-11	57	-10	.00	77	60	69	.19	NA	NA	.14
10/ 7	70	-9	42	-10	56	-10	.00	77	59	68	.15	NA	NA	.13
10/ 8	73	-6	44	-8	59	-7	.00	76	57	67	.15	NA	NA	.14
10/ 9	76	-3	50	-1	63	-2	.00	80	58	69	.12	NA	NA	.14
10/10	83	5	58	7	71	6	.00	81	64	73	.10	NA	NA	.16
10/11	83	5	58	8	71	7	.00	85	65	75	.15	NA	NA	.16
10/12	89	11	59	9	74	10	.00	87	65	76	.14	NA	NA	.19
10/13	88	11	59	10	74	11	.00	88	64	76	.12	NA	NA	.18
10/14	88	11	64	15	76	13	.00	86	64	75	.13	NA	NA	.17
10/15	86	10	66	18	76	14	.00	NA	68	NA	.13	NA	NA	.15
10/16	79	3	67	19	73	11	.17	82	73	78	.02	NA	NA	.10
10/17	85	9	67	19	76	14	.03	80	69	75	.13	NA	NA	.14
10/18	82	7	63	16	73	12	.00	82	67	75	NA	NA	NA	.13
10/19	81	6	64	17	73	12	.00	83	69	76	.09	NA	NA	.12
10/20	77	2	62	16	70	9	.00	82	70	76	.09	NA	NA	.10
10/21	79	5	65	19	72	12	.00	86	69	78	.06	NA	NA	.10
10/22	83	9	65	19	74	14	.03	82	71	77	.07	NA	NA	.13
10/23	77	3	65	20	71	11	1.02	77	69	73	.13	NA	NA	.09
10/24	78	5	65	20	72	13	.08	78	56	67	.06	NA	NA	.09
10/25	80	7	64	20	72	13	.00	80	70	75	.09	NA	NA	.11
10/26	84	11	62	18	73	14	.00	80	69	75	.11	NA	NA	.14
10/27	76	4	54	10	65	7	.50	78	66	72	NA	NA	NA	.11
10/28	65	-7	62	19	64	6	.63	76	65	71	NA	NA	NA	.02
10/29	70	-1	62	19	66	9	.32	70	65	68	NA	NA	NA	.05
10/30	62	-9	54	11	58	1	.00	68	62	65	.16	NA	NA	.02
10/31	66	-5	53	11	60	3	.12	62	59	61	.08	NA	NA	.05

AIR TEMPERATURES:
Mean Maximum= 77.6 Mean Minimum= 58.5 Average= 68.1
DFN= +1.5 DFN= +10.3 DFN= +5.9
Highest= 89 Lowest= 42

PRECIPITATION STATISTICS:
Total= 4.28 DFN= +1.49 Greatest Daily= 1.03 Rain Days= 11

AVERAGE DAILY VALUES:
Pan Evaporation= .11 Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .12

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evaportanspiration in inches.

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Daily Weather Observations for: THORSBY 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	71	1	58	16	65	9	1.61	68	59	64	NA	NA	NA	.06
11/ 2	59	-11	53	11	56	0	.04	66	62	64	NA	NA	NA	.00
11/ 3	58	-12	54	12	56	0	.00	63	60	62	NA	NA	NA	.00
11/ 4	58	-11	42	1	50	-5	.00	60	54	57	NA	NA	NA	.03
11/ 5	58	-11	35	-6	47	-8	.00	64	48	56	NA	NA	NA	.05
11/ 6	57	-12	34	-7	46	-9	.00	62	45	54	NA	NA	NA	.05
11/ 7	69	1	34	-7	52	-3	.00	66	47	57	NA	NA	NA	.12
11/ 8	61	-7	36	-4	49	-5	.00	60	50	55	NA	NA	NA	.06
11/ 9	68	1	44	4	56	2	.00	59	48	54	NA	NA	NA	.08
11/10	75	8	48	8	62	8	.00	60	48	54	NA	NA	NA	.11
11/11	78	11	58	19	68	15	.00	70	50	60	NA	NA	NA	.10
11/12	79	13	58	19	69	16	.00	72	57	65	NA	NA	NA	.11
11/13	80	14	61	22	71	18	.00	76	62	69	NA	NA	NA	.10
11/14	73	7	56	17	65	12	.00	72	64	68	NA	NA	NA	.07
11/15	78	13	59	20	69	17	.00	74	62	68	NA	NA	NA	.09
11/16	73	8	56	18	65	13	.00	72	64	68	NA	NA	NA	.07
11/17	78	13	59	21	69	17	.00	74	62	68	NA	NA	NA	.09
11/18	75	10	59	21	67	15	.00	74	65	70	NA	NA	NA	.07
11/19	80	16	59	21	70	19	.00	75	62	69	NA	NA	NA	.10
11/20	73	9	61	24	67	16	.00	75	64	70	NA	NA	NA	.05
11/21	72	8	55	18	64	13	.00	71	65	68	NA	NA	NA	.07
11/22	60	-3	53	16	57	7	.23	62	62	62	NA	NA	NA	.00
11/23	66	3	54	17	60	10	.00	66	58	62	NA	NA	NA	.03
11/24	71	8	42	6	57	7	.00	68	56	62	NA	NA	NA	.10
11/25	73	11	47	11	60	11	.00	70	56	63	NA	NA	NA	.10
11/26	71	9	59	23	65	16	.00	68	62	65	NA	NA	NA	.04
11/27	75	13	59	23	67	18	.00	69	65	67	NA	NA	NA	.07
11/28	77	16	65	29	71	22	.31	72	66	69	NA	NA	NA	.06
11/29	77	16	60	25	69	21	.27	70	64	67	NA	NA	NA	.08
11/30	65	4	60	25	63	15	.17	67	63	65	NA	NA	NA	.00

AIR TEMPERATURES:
Mean Maximum= 70.3 Mean Minimum= 52.6 Average= 61.4
DFN= +4.9 DFN= +14.1 DFN= +9.5
Highest= 80 Lowest= 34

PRECIPITATION STATISTICS:
Total= 2.63 DFN= -.82 Greatest Daily= 1.61 Rain Days= 6

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .07

****
Data values that are all NA's indicate data that are missing or not reported. Trace indicates Trace of precipitation. DFN is the departure from normal. Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evaportanspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	63	2	60	25	62	14	.00	65	58	62	NA	NA	NA	.00
12/ 2	78	18	33	-2	56	8	.53	65	52	59	NA	NA	NA	.17
12/ 3	45	-15	25	-10	35	-13	.00	57	45	51	NA	NA	NA	.00
12/ 4	43	-17	25	-9	34	-13	.00	56	42	49	NA	NA	NA	.00
12/ 5	58	-1	35	1	47	0	.03	58	43	51	NA	NA	NA	.03
12/ 6	53	-6	34	0	44	-3	.00	56	46	51	NA	NA	NA	.01
12/ 7	51	-8	25	-9	38	-9	.02	56	43	50	NA	NA	NA	.02
12/ 8	55	-4	24	-10	40	-7	.00	55	42	49	NA	NA	NA	.05
12/ 9	68	10	25	-9	47	1	.00	60	46	53	NA	NA	NA	.13
12/10	70	12	41	7	56	10	.00	63	48	56	NA	NA	NA	.09
12/11	70	12	44	11	57	11	.00	63	49	56	NA	NA	NA	.08
12/12	72	14	59	26	66	20	.93	65	55	60	NA	NA	NA	.04
12/13	62	4	50	17	56	10	.92	62	59	61	NA	NA	NA	.01
12/14	53	-4	20	-13	37	-8	.00	57	40	49	NA	NA	NA	.05
12/15	37	-20	17	-16	27	-18	.00	46	36	41	NA	NA	NA	.00
12/16	43	-14	17	-16	30	-15	.00	50	36	43	NA	NA	NA	.00
12/17	53	-4	23	-10	38	-7	.00	52	36	44	NA	NA	NA	.04
12/18	55	-1	27	-6	41	-4	.00	57	39	48	NA	NA	NA	.04
12/19	49	-7	19	-13	34	-10	.00	50	38	44	NA	NA	NA	.03
12/20	44	-12	20	-12	32	-12	.00	49	35	42	NA	NA	NA	.00
12/21	42	-14	21	-11	32	-12	.00	48	37	43	NA	NA	NA	.00
12/22	43	-13	21	-11	32	-12	.00	48	35	42	NA	NA	NA	.00
12/23	57	1	23	-9	40	-4	.00	50	35	43	NA	NA	NA	.06
12/24	61	6	35	3	48	4	.00	54	42	48	NA	NA	NA	.05
12/25	56	1	19	-13	38	-6	.00	52	38	45	NA	NA	NA	.07
12/26	29	-26	8	-24	19	-25	.00	44	33	39	NA	NA	NA	.00
12/27	36	-19	8	-24	22	-22	.00	43	33	38	NA	NA	NA	.00
12/28	51	-4	33	1	42	-2	.25	45	35	40	NA	NA	NA	.00
12/29	45	-10	28	-4	37	-7	.00	44	34	39	NA	NA	NA	.00
12/30	53	-2	26	-6	40	-4	.00	49	34	42	NA	NA	NA	.03
12/31	57	3	32	0	45	2	.00	56	35	46	NA	NA	NA	.04

AIR TEMPERATURES:
Mean Maximum= 53.3 Mean Minimum= 28.3 Average= 40.8
DFN= -3.8 DFN= -4.7 DFN= -4.3
Highest= 78 Lowest= 8

PRECIPITATION STATISTICS:
Total= 2.68 DFN= -2.87 Greatest Daily= .93 Rain Days= 6

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= NA
Average daily potential evapotranspiration (PET)= .03

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is the estimated potential evaportanspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
01/ 1	70	17	60	29	65	23	.72	64	61	63	NA	NA	1417	.03
01/ 2	66	13	36	5	51	9	.80	63	55	59	NA	NA	838	.02
01/ 3	40	-13	33	2	37	-5	.80	55	49	52	NA	NA	503	.00
01/ 4	37	-16	23	-8	30	-12	.35	49	44	47	NA	NA	458	.00
01/ 5	26	-27	17	-14	22	-20	Trace	44	41	43	NA	NA	643	.00
01/ 6	44	-9	15	-16	30	-12	.00	46	39	43	NA	NA	3433	.02
01/ 7	43	-10	21	-10	32	-10	.00	46	41	44	NA	NA	3023	.01
01/ 8	52	-1	22	-9	37	-5	.00	50	42	46	NA	NA	3437	.04
01/ 9	51	-2	22	-9	37	-5	.00	49	42	46	NA	NA	3307	.04
01/10	54	1	24	-7	39	-3	.25	59	43	51	NA	NA	3476	.05
01/11	50	-3	30	0	40	-2	.40	56	48	52	NA	NA	612	.00
01/12	32	-21	21	-9	27	-15	Trace	46	40	43	NA	NA	804	.00
01/13	35	-18	13	-17	24	-18	Trace	44	40	42	NA	NA	2899	.00
01/14	39	-14	13	-17	26	-16	.00	41	40	41	NA	NA	2900	.00
01/15	50	-3	22	-8	36	-6	.00	44	40	42	NA	NA	2932	.03
01/16	42	-11	23	-7	33	-9	.00	44	40	42	NA	NA	3708	.02
01/17	39	-14	32	2	36	-6	1.10	40	40	40	NA	NA	682	.00
01/18	39	-14	23	-7	31	-11	.00	41	39	40	NA	NA	393	.00
01/19	51	-2	23	-7	37	-5	.00	45	39	42	NA	NA	3660	.04
01/20	56	3	4	-27	30	-12	.05	48	40	44	NA	NA	3774	.08
01/21	7	-46	-8	-39	-1	-43	.00	41	38	40	NA	NA	3354	.00
01/22	23	-30	-8	-39	8	-34	.00	38	36	37	NA	NA	3925	.00
01/23	39	-14	13	-18	26	-16	.00	36	35	36	NA	NA	3806	.02
01/24	48	-5	20	-11	34	-8	.00	40	35	38	NA	NA	3236	.03
01/25	55	2	22	-9	39	-3	.00	43	37	40	NA	NA	3886	.06
01/26	55	1	10	-21	33	-10	.00	46	38	42	NA	NA	3826	.07
01/27	40	-14	10	-21	25	-18	.00	40	38	39	NA	NA	4108	.03
01/28	40	-14	20	-11	30	-13	.27	38	37	38	NA	NA	1059	.00
01/29	39	-15	16	-15	28	-15	.03	40	37	39	NA	NA	1143	.00
01/30	50	-4	16	-15	33	-10	.29	44	42	43	NA	NA	4064	.06
01/31	50	-4	36	5	43	0	.32	45	42	44	NA	NA	667	.00

AIR TEMPERATURES:
Mean Maximum= 43.9 Mean Minimum= 20.1 Average= 32.0
DFN= -9.3 DFN= -10.6 DFN= -9.9
Highest= 70 Lowest= -8

PRECIPITATION STATISTICS:
Total= 5.38 DFN= -.37 Greatest Daily= 1.10 Rain Days= 12

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= 2450.7
Average daily potential evapotranspiration (PET)= .02

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
02/ 1	48	-7	31	0	40	-3	1.54	45	41	43	NA	NA	255	.00
02/ 2	33	-22	18	-13	26	-17	.37	42	39	41	NA	NA	258	.00
02/ 3	24	-31	15	-16	20	-23	Trace	39	38	39	NA	NA	993	.00
02/ 4	25	-30	17	-14	21	-22	Trace	38	37	38	NA	NA	1058	.00
02/ 5	45	-10	22	-10	34	-10	.68	38	37	38	NA	NA	1115	.01
02/ 6	47	-9	32	0	40	-4	.23	42	41	42	NA	NA	515	.00
02/ 7	38	-18	23	-9	31	-13	.00	42	38	40	NA	NA	963	.00
02/ 8	39	-17	15	-17	27	-17	.00	41	38	40	NA	NA	2914	.00
02/ 9	44	-12	15	-17	30	-14	.00	42	38	40	NA	NA	4560	.05
02/10	56	0	22	-10	39	-5	.00	45	38	42	NA	NA	4351	.08
02/11	65	8	40	8	53	8	.74	48	40	44	NA	NA	4404	.09
02/12	46	-11	24	-8	35	-10	.45	47	40	44	NA	NA	630	.01
02/13	38	-19	23	-10	31	-14	.00	42	38	40	NA	NA	4230	.02
02/14	49	-8	23	-10	36	-9	.00	44	38	41	NA	NA	4730	.06
02/15	49	-9	23	-10	36	-10	.00	46	39	43	NA	NA	4155	.05
02/16	41	-17	15	-18	28	-18	.00	45	38	42	NA	NA	4927	.05
02/17	55	-3	15	-18	35	-11	.00	46	38	42	NA	NA	4842	.09
02/18	64	6	27	-7	46	0	.00	51	39	45	NA	NA	4262	.10
02/19	64	5	34	0	49	2	Trace	48	42	45	NA	NA	2448	.06
02/20	64	5	43	9	54	7	.12	52	48	50	NA	NA	2083	.04
02/21	62	3	36	2	49	2	.00	56	47	52	NA	NA	3741	.07
02/22	70	11	44	10	57	10	.00	55	47	51	NA	NA	4121	.10
02/23	75	15	50	15	63	15	.00	59	50	55	NA	NA	4038	.11
02/24	76	16	56	21	66	18	.34	60	55	58	NA	NA	2614	.08
02/25	62	2	52	17	57	9	.03	59	57	58	NA	NA	1088	.01
02/26	58	-2	52	17	55	7	.55	57	56	57	NA	NA	616	.01
02/27	61	0	43	7	52	3	.00	59	54	57	NA	NA	1476	.02
02/28	56	-5	28	-8	42	-7	.00	55	46	51	NA	NA	2115	.03

AIR TEMPERATURES:
Mean Maximum= 51.9 Mean Minimum= 29.9 Average= 40.9
DFN= -5.7 DFN= -3.2 DFN= -4.4
Highest= 76 Lowest= 15

PRECIPITATION STATISTICS:
Total= 5.05 DFN= -.03 Greatest Daily= 1.54 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= 2625.1
Average daily potential evapotranspiration (PET)= .04

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
03/ 1	62	1	28	-8	45	-4	.00	58	46	52	NA	NA	5266	.11
03/ 2	52	-9	44	8	48	-1	.10	52	51	52	NA	NA	1212	.00
03/ 3	60	-2	36	-1	48	-2	.00	56	50	53	NA	NA	1987	.03
03/ 4	72	10	41	4	57	7	.00	60	50	55	NA	NA	4969	.13
03/ 5	76	14	40	3	58	8	.21	61	55	58	NA	NA	2409	.09
03/ 6	61	-2	32	-6	47	-4	.00	62	49	56	NA	NA	5622	.12
03/ 7	64	1	32	-6	48	-3	.00	68	49	59	NA	NA	5701	.13
03/ 8	72	9	41	3	57	6	.00	59	49	54	NA	NA	4653	.12
03/ 9	79	15	51	13	65	14	.00	62	55	59	.11	NA	3549	.12
03/10	71	7	45	6	58	6	.00	64	46	55	.21	NA	2782	.08
03/11	72	8	45	6	59	7	.00	62	46	54	.11	NA	3494	.10
03/12	81	17	53	14	67	15	Trace	66	58	62	.29	NA	4837	.15
03/13	64	-1	40	1	52	0	.00	66	55	61	.19	NA	5592	.12
03/14	75	10	44	4	60	7	.00	64	55	60	.15	NA	3419	.11
03/15	57	-8	31	-9	44	-9	.04	59	51	55	.07	NA	1739	.03
03/16	64	-2	42	2	53	0	.00	63	51	57	.18	NA	5841	.12
03/17	64	-2	45	5	55	2	Trace	60	54	57	.09	NA	2489	.05
03/18	65	-1	26	-15	46	-8	.00	64	52	58	NA	NA	5914	.14
03/19	62	-5	26	-15	44	-10	.00	63	51	57	NA	NA	6084	.14
03/20	69	2	32	-9	51	-3	.00	64	52	58	.19	NA	5979	.15
03/21	68	0	52	10	60	5	.02	60	56	58	.12	NA	3759	.08
03/22	56	-12	50	8	53	-2	.46	56	56	56	.14	NA	510	.03
03/23	62	-6	44	2	53	-2	.00	60	55	58	.08	NA	2412	.05
03/24	69	0	43	1	56	0	.04	64	55	60	.12	NA	4194	.11
03/25	69	0	33	-10	51	-5	.00	64	53	59	.20	NA	5797	.15
03/26	68	-1	36	-7	52	-4	.00	64	52	58	.20	NA	6394	.15
03/27	76	6	40	-3	58	1	.00	66	52	59	.17	NA	5272	.15
03/28	66	-4	54	11	60	3	.18	60	58	59	.06	NA	1341	.03
03/29	81	11	65	21	73	16	.00	65	60	63	.13	NA	2065	.08
03/30	82	11	65	21	74	16	.00	70	65	68	.19	NA	4021	.12
03/31	82	11	55	11	69	11	.75	71	65	68	.19	NA	3465	.12

AIR TEMPERATURES:
Mean Maximum= 68.4 Mean Minimum= 42.3 Average= 55.4
DFN= +2.5 DFN= +2.1 DFN= +2.3
Highest= 82 Lowest= 26

PRECIPITATION STATISTICS:
Total= 1.80 DFN= -4.93 Greatest Daily= .75 Rain Days= 8

AVERAGE DAILY VALUES:
Pan Evaporation= .15 Hours of Wet Vegetation= NA Solar Energy= 3960.3
Average daily potential evapotranspiration (PET)= .10

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
04/ 1	60	-12	33	-11	47	-11	.00	71	55	63	.31	NA	4379	.09
04/ 2	60	-12	33	-12	47	-12	.00	64	53	59	.24	NA	6813	.14
04/ 3	58	-14	34	-11	46	-13	.00	65	54	60	.20	NA	6848	.13
04/ 4	78	5	41	-4	60	1	.00	68	59	64	.19	NA	6626	.19
04/ 5	78	5	55	10	67	8	.00	70	59	65	.37	NA	6604	.17
04/ 6	71	-2	36	-10	54	-6	.75	65	55	60	.33	NA	1251	.06
04/ 7	68	-6	40	-6	54	-6	Trace	65	56	61	.13	NA	4886	.12
04/ 8	68	-6	32	-14	50	-10	.00	65	54	60	.20	NA	6005	.15
04/ 9	60	-14	31	-16	46	-15	.00	64	53	59	.19	NA	7130	.15
04/10	59	-16	28	-19	44	-17	.00	66	53	60	.19	NA	7043	.15
04/11	70	-5	35	-12	53	-8	.00	66	53	60	.22	NA	6890	.17
04/12	75	0	41	-6	58	-3	Trace	67	55	61	.16	NA	5580	.16
04/13	67	-9	55	7	61	-1	Trace	67	60	64	.10	NA	2594	.06
04/14	70	-6	50	2	60	-2	.00	69	62	66	.13	NA	4456	.11
04/15	68	-8	52	4	60	-2	.61	64	60	62	.08	NA	1384	.04
04/16	70	-7	44	-4	57	-6	Trace	68	58	63	.12	NA	4700	.12
04/17	78	1	47	-2	63	0	.00	69	58	64	.16	NA	5958	.17
04/18	85	8	50	1	68	5	.00	74	60	67	.22	NA	6916	.21
04/19	85	8	53	4	69	6	.00	74	63	69	.20	NA	6259	.19
04/20	82	4	49	0	66	2	.00	76	64	70	.34	NA	6720	.20
04/21	88	10	50	0	69	5	.00	78	65	72	.21	NA	7084	.22
04/22	90	12	50	0	70	6	.00	75	65	70	.22	NA	5916	.21
04/23	85	7	58	8	72	8	Trace	76	65	71	.28	NA	6763	.20
04/24	84	6	60	10	72	8	1.12	74	68	71	.20	NA	4113	.14
04/25	78	-1	50	-1	64	-1	.32	73	64	69	.13	NA	3235	.11
04/26	80	1	56	5	68	3	.00	76	64	70	.25	NA	7459	.20
04/27	83	4	69	18	76	11	.05	76	68	72	.04	NA	4436	.14
04/28	84	5	50	-1	67	2	Trace	74	70	72	.17	NA	3548	.14
04/29	80	1	59	7	70	4	.00	78	70	74	.20	NA	5329	.15
04/30	88	8	58	6	73	7	.00	80	70	75	.20	NA	7001	.21

AIR TEMPERATURES:
Mean Maximum= 75.0 Mean Minimum= 46.6 Average= 60.8
DFN= -1.1 DFN= -1.6 DFN= -1.3
Highest= 90 Lowest= 28

PRECIPITATION STATISTICS:
Total= 2.85 DFN= -2.56 Greatest Daily= 1.12 Rain Days= 5

AVERAGE DAILY VALUES:
Pan Evaporation= .20 Hours of Wet Vegetation= NA Solar Energy= 5464.2
Average daily potential evapotranspiration (PET)= .15

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Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
05/ 1	88	8	59	7	74	8	2.33	78	70	74	NA	NA	5133	.18
05/ 2	75	-5	59	7	67	1	2.14	71	69	70	NA	NA	1801	.07
05/ 3	78	-2	56	3	67	0	.03	75	68	72	.17	NA	4192	.13
05/ 4	74	-6	49	-4	62	-5	.00	76	65	71	.24	NA	6500	.17
05/ 5	78	-3	49	-4	64	-3	.00	76	65	71	.20	NA	6612	.18
05/ 6	80	-1	54	1	67	0	.00	78	66	72	.24	NA	6937	.19
05/ 7	85	4	54	0	70	2	.00	82	68	75	.24	NA	7122	.21
05/ 8	86	5	58	4	72	4	1.15	83	70	77	.23	NA	5476	.18
05/ 9	69	-12	55	1	62	-6	.14	71	66	69	.06	NA	1390	.04
05/10	69	-13	55	1	62	-6	.10	66	65	66	.03	NA	1195	.04
05/11	78	-4	59	5	69	1	.30	76	65	71	.13	NA	3978	.12
05/12	82	0	60	5	71	2	.00	80	69	75	.21	NA	5021	.15
05/13	86	4	61	6	74	5	.00	82	72	77	.24	NA	6855	.20
05/14	89	7	61	6	75	6	.00	85	72	79	.24	NA	5483	.19
05/15	87	4	63	8	75	6	.00	86	75	81	.29	NA	6606	.20
05/16	87	4	48	-8	68	-2	.00	85	70	78	.31	NA	7906	.24
05/17	85	2	51	-5	68	-2	.00	84	70	77	.41	NA	7703	.23
05/18	85	2	46	-10	66	-4	.00	77	66	72	.20	NA	4321	.16
05/19	71	-12	43	-14	57	-13	.00	80	66	73	.13	NA	7468	.18
05/20	80	-4	46	-11	63	-8	.00	80	68	74	.17	NA	6936	.20
05/21	85	1	55	-2	70	-1	.00	83	70	77	.24	NA	6130	.19
05/22	86	2	58	1	72	1	.34	85	73	79	.25	NA	5880	.19
05/23	81	-3	58	0	70	-1	.09	78	70	74	.23	NA	5075	.15
05/24	76	-9	47	-11	62	-10	.00	78	66	72	.17	NA	5111	.15
05/25	79	-6	47	-11	63	-9	.00	81	66	74	.21	NA	7293	.20
05/26	82	-3	47	-11	65	-7	.00	84	67	76	.23	NA	7614	.22
05/27	86	1	50	-9	68	-4	.00	86	70	78	.27	NA	7773	.23
05/28	87	1	56	-3	72	-1	.00	85	72	79	.27	NA	6927	.21
05/29	87	1	62	3	75	2	.18	87	75	81	.27	NA	6644	.20
05/30	86	0	62	3	74	1	.25	86	75	81	.22	NA	6750	.20
05/31	87	1	67	7	77	4	.00	85	75	80	.24	NA	6248	.19

AIR TEMPERATURES:
Mean Maximum= 81.7 Mean Minimum= 54.7 Average= 68.2
DFN= -1.2 DFN= -1.1 DFN= -1.1
Highest= 89 Lowest= 43

PRECIPITATION STATISTICS:
Total= 7.05 DFN= +2.17 Greatest Daily= 2.33 Rain Days= 11

AVERAGE DAILY VALUES:
Pan Evaporation= .22 Hours of Wet Vegetation= NA Solar Energy= 5809.0
Average daily potential evapotranspiration (PET)= .17

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Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
06/ 1	91	4	68	8	80	6	.00	88	78	83	.26	NA	6782	.21
06/ 2	95	8	70	10	83	9	.00	92	78	85	.27	NA	6856	.23
06/ 3	96	9	64	4	80	6	.00	95	80	88	.36	NA	7669	.25
06/ 4	94	7	65	4	80	6	.00	95	80	88	.28	NA	7069	.23
06/ 5	96	8	67	6	82	7	.00	94	81	88	.32	NA	7603	.25
06/ 6	96	8	68	7	82	7	.00	93	82	88	.30	NA	6826	.23
06/ 7	95	7	69	8	82	7	.00	92	82	87	.27	NA	6303	.22
06/ 8	93	5	63	1	78	3	.30	92	78	85	.15	NA	5498	.20
06/ 9	87	-2	64	2	76	0	.00	93	77	85	.34	NA	6026	.19
06/10	95	6	66	4	81	5	.40	92	77	85	.33	NA	7400	.24
06/11	79	-10	68	6	74	-2	.55	80	76	78	.14	NA	NA	.15
06/12	84	-5	63	1	74	-2	.89	82	74	78	.24	NA	NA	.20
06/13	78	-11	48	-15	63	-13	.00	81	67	74	.20	NA	NA	.21
06/14	76	-14	48	-15	62	-15	.00	80	67	74	.26	NA	NA	.20
06/15	81	-9	51	-12	66	-11	.00	84	67	76	.23	NA	NA	.22
06/16	85	-5	55	-8	70	-7	.00	87	72	80	.17	NA	NA	.23
06/17	90	0	65	2	78	1	.00	90	78	84	.25	NA	NA	.23
06/18	90	0	65	1	78	1	2.94	88	75	82	NA	NA	NA	.23
06/19	73	-17	61	-3	67	-10	.53	76	72	74	.11	NA	NA	.14
06/20	78	-13	53	-11	66	-12	.00	80	69	75	.21	NA	NA	.19
06/21	82	-9	54	-10	68	-10	.00	83	69	76	.23	NA	NA	.22
06/22	85	-6	63	-1	74	-4	Trace	85	75	80	.25	NA	NA	.21
06/23	87	-4	68	3	78	0	.11	89	79	84	.23	NA	NA	.20
06/24	91	0	65	0	78	0	.52	89	76	83	.26	NA	NA	.24
06/25	94	3	66	1	80	2	.14	90	77	84	.31	NA	7051	.23
06/26	94	3	66	1	80	2	.00	90	78	84	.28	NA	8004	.25
06/27	94	3	66	1	80	2	.00	91	78	85	.22	NA	6508	.22
06/28	90	-1	66	1	78	0	.22	86	76	81	.17	NA	4603	.17
06/29	81	-11	59	-6	70	-9	Trace	80	74	77	.10	NA	2720	.11
06/30	81	-11	60	-6	71	-8	.00	82	74	78	.21	NA	5770	.17

AIR TEMPERATURES:
Mean Maximum= 87.7 DFN= -1.9 Mean Minimum= 62.5 DFN= -.5 Average= 75.1 DFN= -1.2
Highest= 96 Lowest= 48

PRECIPITATION STATISTICS:
Total= 6.60 DFN= +3.18 Greatest Daily= 2.94 Rain Days= 10

AVERAGE DAILY VALUES:
Pan Evaporation= .24 Hours of Wet Vegetation= NA Solar Energy= 6418.0
Average daily potential evapotranspiration (PET)= .21

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Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
07/ 1	81	-11	55	-11	68	-11	.56	80	71	76	.22	NA	4489	.15
07/ 2	84	-8	56	-10	70	-9	.15	84	71	78	.26	NA	7240	.21
07/ 3	86	-6	58	-8	72	-7	.00	85	72	79	.23	NA	7620	.22
07/ 4	88	-4	61	-5	75	-4	.38	86	74	80	.28	NA	6326	.20
07/ 5	85	-7	63	-3	74	-5	.00	82	74	78	.18	NA	6251	.19
07/ 6	82	-10	64	-2	73	-6	.55	82	75	79	.20	NA	4934	.15
07/ 7	84	-8	62	-5	73	-7	.03	85	75	80	.21	NA	5808	.18
07/ 8	89	-3	62	-5	76	-4	.00	88	76	82	.20	NA	8436	.24
07/ 9	90	-2	65	-2	78	-2	.00	91	79	85	.32	NA	8136	.24
07/10	93	1	65	-2	79	-1	.00	94	80	87	.22	NA	7856	.24
07/11	94	2	67	0	81	1	.00	95	82	89	.30	NA	7863	.24
07/12	95	3	62	-5	79	-1	.19	95	76	86	.28	NA	5895	.21
07/13	92	0	62	-5	77	-3	.00	92	76	84	.20	NA	8082	.25
07/14	95	3	67	0	81	1	.00	95	79	87	.24	NA	7940	.25
07/15	94	2	67	0	81	1	.00	95	82	89	.23	NA	7202	.23
07/16	92	0	67	0	80	0	.00	93	82	88	.28	NA	6224	.21
07/17	90	-2	65	-2	78	-2	.00	90	80	85	.16	NA	5079	.18
07/18	91	-1	63	-4	77	-3	.00	94	80	87	.32	NA	7927	.24
07/19	94	2	65	-2	80	0	.00	92	80	86	.22	NA	6584	.22
07/20	93	1	65	-2	79	-1	.00	95	81	88	.24	NA	7401	.23
07/21	95	3	65	-2	80	0	.00	95	82	89	.28	NA	7633	.24
07/22	93	1	67	0	80	0	.17	95	80	88	.29	NA	5706	.20
07/23	92	-1	67	0	80	0	Trace	89	80	85	.16	NA	4993	.18
07/24	87	-6	67	0	77	-3	.00	89	80	85	.14	NA	4712	.16
07/25	80	-13	69	2	75	-5	.20	80	77	79	.05	NA	1636	.07
07/26	88	-5	69	2	79	-1	.00	86	79	83	.13	NA	4055	.15
07/27	90	-3	69	2	80	0	1.05	88	78	83	.21	NA	4678	.17
07/28	82	-11	69	2	76	-4	.68	82	78	80	.11	NA	2981	.10
07/29	80	-13	70	3	75	-5	.13	80	78	79	.01	NA	1951	.08
07/30	90	-3	68	1	79	-1	.00	89	79	84	.25	NA	6604	.20
07/31	90	-3	67	0	79	-1	Trace	87	78	83	.14	NA	4510	.16

AIR TEMPERATURES:
Mean Maximum= 89.0 Mean Minimum= 64.8 Average= 76.9
DFN= -3.3 DFN= -2.0 DFN= -2.7
Highest= 95 Lowest= 55

PRECIPITATION STATISTICS:
Total= 4.09 DFN= -.99 Greatest Daily= 1.05 Rain Days= 11

AVERAGE DAILY VALUES:
Pan Evaporation= .21 Hours of Wet Vegetation= NA Solar Energy= 6024.3
Average daily potential evapotranspiration (PET)= .19

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
08/ 1	92	-1	67	0	80	0	.00	90	80	85	.17	NA	6539	.21
08/ 2	95	2	68	1	82	2	.00	90	81	86	.29	NA	6392	.22
08/ 3	85	-8	68	1	77	-3	.00	90	80	85	.22	NA	5882	.17
08/ 4	85	-8	64	-3	75	-5	.00	84	78	81	.13	NA	2906	.12
08/ 5	86	-7	60	-7	73	-7	.00	90	78	84	.27	NA	7247	.21
08/ 6	87	-6	62	-5	75	-5	.78	86	78	82	.22	NA	5094	.17
08/ 7	79	-13	68	1	74	-6	.17	80	77	79	.03	NA	1706	.07
08/ 8	89	-3	67	1	78	-1	.00	84	77	81	.17	NA	5920	.19
08/ 9	90	-2	64	-2	77	-2	.00	88	77	83	.27	NA	6687	.21
08/10	93	1	64	-2	79	0	.00	89	78	84	.19	NA	7143	.23
08/11	94	2	64	-2	79	0	.00	92	79	86	.27	NA	6677	.22
08/12	93	1	65	-1	79	0	.00	90	80	85	.19	NA	5929	.20
08/13	93	1	66	0	80	1	.00	93	80	87	.19	NA	6808	.22
08/14	92	0	66	0	79	0	Trace	91	81	86	.26	NA	6265	.20
08/15	91	-1	68	2	80	1	.00	90	81	86	.25	NA	5370	.18
08/16	90	-2	67	1	79	0	.67	90	79	85	.23	NA	5429	.18
08/17	78	-14	68	2	73	-6	1.76	79	76	78	NA	NA	922	.05
08/18	85	-7	63	-3	74	-5	.00	83	75	79	.13	NA	4065	.14
08/19	90	-2	63	-3	77	-2	.00	88	75	82	.25	NA	6820	.21
08/20	91	-1	63	-3	77	-2	.00	89	76	83	.20	NA	6752	.21
08/21	87	-4	63	-2	75	-3	.52	85	76	81	.18	NA	4326	.15
08/22	87	-4	59	-6	73	-5	.00	87	75	81	.21	NA	5474	.18
08/23	88	-3	59	-6	74	-4	.00	87	75	81	.19	NA	NA	.22
08/24	84	-7	64	-1	74	-4	.00	82	77	80	.09	NA	NA	.18
08/25	90	-1	64	-1	77	-1	.47	82	76	79	.24	NA	NA	.22
08/26	81	-10	59	-6	70	-8	.03	80	74	77	.09	NA	NA	.17
08/27	85	-6	59	-6	72	-6	.00	84	74	79	.11	NA	NA	.20
08/28	85	-5	62	-3	74	-4	Trace	85	75	80	.20	NA	4798	.15
08/29	88	-2	62	-3	75	-3	.00	86	75	81	.22	NA	6605	.20
08/30	89	-1	65	1	77	0	.00	89	78	84	.17	NA	5982	.19
08/31	91	1	66	2	79	2	.00	90	80	85	.17	NA	6316	.20

AIR TEMPERATURES:
Mean Maximum= 88.2 Mean Minimum= 64.1 Average= 76.1
DFN= -3.5 DFN= -1.7 DFN= -2.6
Highest= 95 Lowest= 59

PRECIPITATION STATISTICS:
Total= 4.40 DFN= +1.27 Greatest Daily= 1.76 Rain Days= 7

AVERAGE DAILY VALUES:
Pan Evaporation= .19 Hours of Wet Vegetation= NA Solar Energy= 5540.5
Average daily potential evapotranspiration (PET)= .18

****
Data values that are all NA's indicate data that are missing or not reported.
Trace indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Farenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. PET is estimated potential evapotranspiration in inches.

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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
09/ 1	91	1	59	-5	75	-2	.00	91	78	85	.26	NA	5300	.19
09/ 2	90	0	61	-3	76	-1	.00	90	78	84	.32	NA	6918	.21
09/ 3	87	-2	63	-1	75	-2	Trace	85	78	82	.13	NA	4387	.15
09/ 4	87	-2	62	-2	75	-2	.05	85	75	80	.16	NA	3837	.14
09/ 5	87	-2	67	3	77	0	.00	87	78	83	.16	NA	5964	.18
09/ 6	88	-1	65	2	77	1	.00	86	77	82	.12	NA	4071	.15
09/ 7	90	1	65	2	78	2	.00	86	77	82	.19	NA	4775	.17
09/ 8	88	0	65	2	77	1	.00	85	78	82	.13	NA	3724	.14
09/ 9	92	4	62	-1	77	1	3.02	86	76	81	NA	NA	NA	.22
09/10	88	0	62	-1	75	-1	Trace	85	76	81	.16	NA	NA	.20
09/11	90	2	64	2	77	2	.00	88	77	83	.21	NA	NA	.20
09/12	90	2	63	1	77	2	.00	87	76	82	.21	NA	NA	.21
09/13	86	-1	58	-4	72	-3	.00	86	75	81	.22	NA	NA	.20
09/14	75	-12	56	-5	66	-8	.00	78	72	75	.22	NA	NA	.13
09/15	74	-13	46	-15	60	-14	.00	80	70	75	.25	NA	NA	.16
09/16	76	-11	49	-12	63	-11	.00	81	70	76	.22	NA	NA	.16
09/17	78	-8	50	-10	64	-9	.00	80	70	75	.09	NA	NA	.17
09/18	84	-2	50	-10	67	-6	.00	84	70	77	.20	NA	NA	.21
09/19	84	-2	50	-9	67	-6	.00	83	71	77	.22	NA	NA	.20
09/20	85	-1	52	-7	69	-4	.00	85	72	79	.24	NA	NA	.20
09/21	85	0	49	-10	67	-5	.00	82	72	77	.15	NA	NA	.21
09/22	86	1	50	-8	68	-4	.00	82	72	77	.17	NA	NA	.21
09/23	87	2	55	-3	71	-1	.66	80	73	77	.19	NA	NA	.20
09/24	75	-10	57	0	66	-5	1.24	75	72	74	.15	NA	NA	.12
09/25	76	-8	45	-12	61	-10	.00	79	66	73	.20	NA	NA	.16
09/26	82	-2	47	-9	65	-5	.18	77	66	72	.14	NA	NA	.20
09/27	75	-9	44	-12	60	-10	.00	78	65	72	.21	NA	6995	.18
09/28	71	-12	39	-16	55	-14	.00	74	62	68	.19	NA	6363	.16
09/29	75	-8	39	-15	57	-12	.00	75	63	69	.14	NA	6041	.16
09/30	80	-3	43	-11	62	-7	.00	74	68	71	.14	NA	4356	.14

AIR TEMPERATURES:
Mean Maximum= 83.4 Mean Minimum= 54.6 Average= 69.0
DFN= -3.2 DFN= -5.6 DFN= -4.4
Highest= 92 Lowest= 39

PRECIPITATION STATISTICS:
Total= 5.15 DFN= +1.30 Greatest Daily= 3.02 Rain Days= 5

AVERAGE DAILY VALUES:
Pan Evaporation= .19 Hours of Wet Vegetation= NA Solar Energy= 5227.6
Average daily potential evapotranspiration (PET)= .18

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Data values that are all NA's indicate data that are missing or not reported.
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Daily Weather Observations for: WINFIELD 1985
ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
10/ 1	80	-3	47	-6	64	-4	1.20	75	66	71	.11	NA	2797	.11
10/ 2	55	-27	43	-10	49	-19	.40	66	58	62	.11	NA	1290	.03
10/ 3	62	-20	43	-9	53	-14	Trace	65	58	62	.04	NA	1988	.04
10/ 4	78	-4	45	-7	62	-5	.00	75	64	70	.17	NA	5020	.15
10/ 5	81	0	42	-9	62	-4	.00	75	64	70	.23	NA	5654	.17
10/ 6	68	-13	32	-18	50	-16	.00	73	60	67	.15	NA	5911	.14
10/ 7	69	-12	32	-18	51	-15	.00	72	60	66	.18	NA	5814	.15
10/ 8	74	-6	34	-15	54	-11	.00	72	60	66	.09	NA	5521	.15
10/ 9	77	-3	42	-7	60	-5	.00	74	62	68	.13	NA	5639	.16
10/10	78	-2	50	2	64	0	.00	74	64	69	.12	NA	2944	.10
10/11	85	6	50	2	68	4	.00	78	65	72	.14	NA	5915	.18
10/12	87	8	50	2	69	5	.00	80	68	74	.16	NA	NA	.20
10/13	87	8	51	4	69	6	.00	81	70	76	.16	NA	NA	.20
10/14	85	7	59	12	72	9	.00	79	72	76	.13	NA	NA	.16
10/15	85	7	59	13	72	10	.16	80	72	76	.15	NA	NA	.16
10/16	78	1	60	14	69	7	Trace	76	72	74	.06	NA	NA	.11
10/17	80	3	53	8	67	6	.00	77	68	73	.14	NA	NA	.15
10/18	83	6	53	8	68	7	.00	75	68	72	.08	NA	NA	.16
10/19	82	6	59	14	71	10	.00	77	71	74	.11	NA	NA	.14
10/20	84	8	56	12	70	10	.00	78	70	74	.10	NA	NA	.16
10/21	81	5	56	12	69	9	Trace	78	70	74	.05	NA	NA	.14
10/22	80	5	60	16	70	10	.15	78	72	75	.07	NA	NA	.12
10/23	72	-3	63	20	68	9	.40	72	72	72	NA	NA	NA	.06
10/24	79	5	60	17	70	11	.35	77	72	75	.10	NA	NA	.11
10/25	80	6	58	15	69	10	.04	76	70	73	.09	NA	NA	.12
10/26	78	5	54	12	66	8	.00	76	67	72	.13	NA	NA	.12
10/27	79	6	52	10	66	8	.05	73	67	70	.09	NA	NA	.13
10/28	65	-8	52	10	59	1	1.32	68	65	67	.05	NA	NA	.05
10/29	72	0	60	18	66	9	.04	68	65	67	.08	NA	NA	.06
10/30	71	-1	54	13	63	6	Trace	68	62	65	NA	NA	NA	.08
10/31	64	-7	52	11	58	2	.20	62	62	62	NA	NA	NA	.04

AIR TEMPERATURES:
Mean Maximum= 76.7 Mean Minimum= 51.0 Average= 63.9
DFN= -.5 DFN= +4.7 DFN= +2.1
Highest= 87 Lowest= 32

PRECIPITATION STATISTICS:
Total= 4.31 DFN= +1.38 Greatest Daily= 1.32 Rain Days= 11

AVERAGE DAILY VALUES:
Pan Evaporation= .11 Hours of Wet Vegetation= NA Solar Energy= 4408.5
Average daily potential evapotranspiration (PET)= .12

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Data values that are all NA's indicate data that are missing or not reported.
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	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
11/ 1	68	-3	54	13	61	5	1.04	65	62	64	NA	NA	NA	.05
11/ 2	62	-8	49	8	56	0	.05	65	62	64	NA	NA	NA	.03
11/ 3	58	-12	46	6	52	-3	.13	62	60	61	NA	NA	NA	.02
11/ 4	60	-10	35	-5	48	-7	Trace	64	56	60	NA	NA	NA	.06
11/ 5	60	-9	28	-12	44	-11	.00	63	52	58	NA	NA	NA	.08
11/ 6	60	-9	25	-15	43	-12	.00	61	51	56	NA	NA	NA	.09
11/ 7	69	1	25	-15	47	-7	.00	62	51	57	NA	NA	NA	.15
11/ 8	64	-4	23	-16	44	-10	.00	61	50	56	NA	NA	NA	.12
11/ 9	66	-1	36	-3	51	-2	.00	59	51	55	NA	NA	NA	.09
11/10	71	4	43	4	57	4	.00	62	50	56	NA	NA	4018	.10
11/11	79	12	48	9	64	11	.00	66	60	63	NA	NA	3317	.11
11/12	79	13	48	9	64	11	.00	69	60	65	NA	NA	2782	.10
11/13	82	16	52	14	67	15	.00	72	63	68	NA	NA	3375	.11
11/14	80	15	52	14	66	14	.00	70	64	67	NA	NA	2559	.09
11/15	75	10	55	17	65	13	.00	68	65	67	NA	NA	1511	.05
11/16	76	11	58	20	67	15	Trace	70	65	68	NA	NA	1492	.05
11/17	68	4	49	11	59	8	.60	68	63	66	NA	NA	766	.02
11/18	73	9	50	13	62	11	Trace	67	62	65	NA	NA	1320	.05
11/19	81	17	54	17	68	17	.00	NA	NA	NA	NA	NA	3218	.11
11/20	78	15	50	13	64	14	.00	69	65	67	NA	NA	2524	.09
11/21	63	0	40	3	52	2	.00	66	58	62	NA	NA	1707	.03
11/22	63	0	40	3	52	2	.00	60	58	59	NA	NA	1286	.02
11/23	65	3	30	-6	48	-1	.00	64	55	60	NA	NA	2493	.06
11/24	68	6	32	-4	50	1	.00	66	55	61	NA	NA	2965	.08
11/25	70	8	49	13	60	11	Trace	64	55	60	NA	NA	1477	.04
11/26	72	11	55	19	64	15	Trace	65	62	64	NA	NA	1167	.03
11/27	76	15	58	22	67	18	Trace	67	65	66	NA	NA	928	.04
11/28	77	16	57	22	67	19	.50	70	67	69	NA	NA	1675	.06
11/29	66	6	44	9	55	7	.09	67	61	64	NA	NA	571	.01
11/30	59	-1	44	9	52	4	Trace	67	61	64	NA	NA	653	.01

AIR TEMPERATURES:
Mean Maximum= 69.6 Mean Minimum= 44.3 Average= 57.0
DFN= +4.5 DFN= +6.4 DFN= +5.4
Highest= 82 Lowest= 23

PRECIPITATION STATISTICS:
Total= 2.41 DFN= -2.16 Greatest Daily= 1.04 Rain Days= 6

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= 1990.7
Average daily potential evapotranspiration (PET)= .07

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Data values that are all NA's indicate data that are missing or not reported.
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ALABAMA

	AIR TEMPERATURE							4 INCH SOIL				VEG	SOLAR	
DATE	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	ENERGY	PET
12/ 1	74	14	47	12	61	13	Trace	67	62	65	NA	NA	2859	.08
12/ 2	68	9	22	-13	45	-2	.56	65	50	58	NA	NA	1036	.05
12/ 3	39	-20	17	-17	28	-19	.00	55	45	50	NA	NA	3375	.00
12/ 4	45	-14	22	-12	34	-13	.03	52	45	49	NA	NA	3405	.02
12/ 5	56	-3	40	6	48	1	.05	53	53	53	NA	NA	1665	.00
12/ 6	57	-1	26	-8	42	-4	.00	56	46	51	NA	NA	2273	.03
12/ 7	44	-14	19	-15	32	-14	.00	53	44	49	NA	NA	3415	.02
12/ 8	53	-5	19	-15	36	-10	.00	52	44	48	NA	NA	2819	.04
12/ 9	66	9	29	-4	48	3	.00	55	47	51	NA	NA	2155	.06
12/10	72	15	30	-3	51	6	.00	59	50	55	NA	NA	2831	.09
12/11	71	14	46	13	59	14	.00	69	54	62	NA	NA	1911	.05
12/12	68	11	40	7	54	9	1.23	60	57	59	NA	NA	318	.02
12/13	48	-8	37	4	43	-2	.80	58	53	56	NA	NA	268	.00
12/14	42	-14	10	-23	26	-19	Trace	58	42	50	NA	NA	398	.01
12/15	32	-24	7	-26	20	-25	.00	46	40	43	NA	NA	3467	.00
12/16	43	-13	7	-25	25	-19	.00	45	40	43	NA	NA	3069	.02
12/17	53	-3	14	-18	34	-10	.00	47	40	44	NA	NA	3326	.05
12/18	57	2	18	-14	38	-6	.00	48	40	44	NA	NA	3210	.06
12/19	40	-15	8	-24	24	-20	.00	45	40	43	NA	NA	2424	.00
12/20	41	-14	8	-24	25	-19	.02	42	40	41	NA	NA	3304	.02
12/21	40	-15	12	-20	26	-18	.00	44	37	41	NA	NA	2754	.00
12/22	34	-21	15	-17	25	-19	.00	41	37	39	NA	NA	1835	.00
12/23	61	6	19	-13	40	-4	.00	47	38	43	NA	NA	3156	.07
12/24	58	4	29	-3	44	1	.00	53	45	49	NA	NA	3329	.05
12/25	50	-4	12	-20	31	-12	Trace	48	40	44	NA	NA	1579	.01
12/26	25	-29	4	-27	15	-28	.00	41	37	39	NA	NA	2996	.00
12/27	40	-14	6	-25	23	-20	.00	37	36	37	NA	NA	3293	.02
12/28	54	0	23	-8	39	-4	.00	42	36	39	NA	NA	2350	.03
12/29	48	-6	18	-13	33	-10	.00	46	39	43	NA	NA	2891	.02
12/30	50	-4	15	-16	33	-10	.00	45	39	42	NA	NA	3409	.04
12/31	59	6	15	-16	37	-5	.46	45	39	42	NA	NA	3367	.07

AIR TEMPERATURES:
Mean Maximum= 51.2 Mean Minimum= 20.5 Average= 35.8
DFN= -4.9 DFN= -12.2 DFN= -8.5
Highest= 74 Lowest= 4

PRECIPITATION STATISTICS:
Total= 3.15 DFN= -2.53 Greatest Daily= 1.23 Rain Days= 7

AVERAGE DAILY VALUES:
Pan Evaporation= NA Hours of Wet Vegetation= NA Solar Energy= 2531.8
Average daily potential evapotranspiration (PET)= .03

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Data values that are all NA's indicate data that are missing or not reported.
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