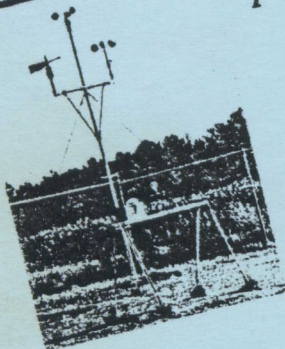


1984

ALABAMA AGRICULTURAL



EXPERIMENT STATION



WEATHER



DATA

JANUARY 1985
AGRICULTURAL WEATHER SERIES NO. 24
COMPILED BY
U.S. DEPT. OF COMMERCE / NOAA
NATIONAL WEATHER SERVICE
SOUTHEAST AGRICULTURAL WEATHER SERVICE CENTER
AUBURN UNIVERSITY
ALABAMA AGRICULTURAL EXPERIMENT STATION
GALE A. BUCHANAN, DIRECTOR
AUBURN UNIVERSITY, ALABAMA

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Substation Precipitation Summary for 1984
 Daily Weather Data for the Tennessee Valley Substation, Belle Mina
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 Daily Weather Data for the Lower Coastal Plain Substation, Camden
 Daily Weather Data for the Brewton Experiment Field, Brewton
 Daily Weather Data for the Wiregrass Substation, Headland
 Daily Weather Data for the Gulf Coast Substation, Fairhope

CLIMATOLOGICAL PUBLICATIONS FOR AUBURN 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 As Experiment Station Weather Data
24	1984 AU As 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

THESE PUBLICATIONS ARE AVAILABLE FROM RESEARCH INFORMATION, COMER HALL, THE UNIVERSITY LIBRARY AND FROM THIS OFFICE.

HISTORY OF THE AUBURN WEATHER STATION

The first official weather records for Auburn began in May 1894. There is no record of the exact location of the station. Weather data taken from May 1894 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 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. Mr. Paul Mott established a micrometeorological weather station on the south end of the Astronomy Farm on September 1, 1963. The Environmental Studies Service Center replaced the AAM position in July 1973. During 1981 the office was renamed the Southeast Agricultural Weather Service Center.

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

Information contained herein is available to all without regardless of race, color, sex or national origin

AGROCLIMATOLOGICAL DATA - JANUARY 1984

AUBURN, ALABAMA

DAY	AIR TEMPERATURE DATA								(IN DEGREES FARENHEIT)						SOIL TEMPERATURE DATA										
	150 CM SHELTER TEMPERATURES				DEGREE DAYS			CHILL HRS	5CM OVER GRASS		5CM OVER FALLOW SOIL			SOIL SURFACE TEMPERATURES			5 CM SOIL TEMPERATURES			10 CM SOIL TEMPERATURES			20 CM SOIL TEMPERATURES		
	MAX	MIN	MEAN	DFN*	BELOW 65	ABOVE 45	55		MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	44	15	30	-15	35	0	0	24	59	14	51	16	34	OM	OM	OM	34	32	33	35	34	35	35	34	35
2	54	26	40	-5	25	0	0	18	70	24	62	25	44	OM	OM	OM	46	34	40	42	34	38	38	34	36
3	59	26	43	-2	22	0	0	11	76	24	68	25	47	OM	OM	OM	52	35	44	47	36	42	42	34	38
4	56	26	41	-4	24	0	0	17	72	24	67	25	46	OM	OM	OM	56	36	46	51	37	44	45	36	41
5	57	29	43	-2	22	0	0	7	69	27	66	29	48	OM	OM	OM	54	36	45	50	37	44	44	36	40
6	62	37	50	5	15	5	0	13	75	34	70	34	52	OM	OM	OM	58	40	49	53	41	47	47	39	43
7	67	36	52	7	13	7	0	7	79	34	75	35	55	OM	OM	OM	59	39	49	54	41	48	48	40	44
8	58	29	44	-1	21	0	0	15	73	27	67	28	48	OM	OM	OM	57	38	48	53	39	46	47	38	43
9	64	30	47	2	18	2	0	12	76	29	73	30	52	OM	OM	OM	59	38	49	54	39	47	48	40	44
10	65	34	50	5	15	5	0	1	77	31	72	33	53	OM	OM	OM	57	40	49	53	41	47	48	41	45
11	64	28	46	1	19	1	0	13	64	30	64	31	48	OM	OM	OM	58	39	49	55	41	48	49	42	46
12	40	28	34	-11	31	0	0	24	46	25	45	26	36	OM	OM	OM	48	36	42	46	37	42	43	38	41
13	45	29	37	-8	28	0	0	24	57	28	53	29	41	OM	OM	OM	48	36	42	45	37	41	41	37	39
14	51	34	43	-2	22	0	0	20	59	35	55	35	45	OM	OM	OM	52	39	46	48	39	44	43	38	41
15	58	35	47	2	18	2	0	14	73	35	67	36	52	OM	OM	OM	58	41	50	52	41	47	46	40	43
16	45	35	40	-4	25	0	0	24	49	35	48	36	42	OM	OM	OM	49	41	45	47	41	44	44	41	43
17	50	40	45	1	20	0	0	14	56	41	55	41	48	OM	OM	OM	51	44	48	49	44	47	44	42	43
18	51	42	47	3	18	2	0	3	53	43	52	43	48	OM	OM	OM	51	46	49	49	45	47	45	43	44
19	53	26	40	-4	25	0	0	13	55	27	54	28	41	OM	OM	OM	52	39	46	50	40	45	47	42	45
20	38	16	27	-17	38	0	0	24	55	16	48	17	33	OM	OM	OM	52	35	44	48	36	42	44	37	41
21	39	17	28	-16	37	0	0	24	52	16	48	17	33	OM	OM	OM	44	35	40	42	35	39	39	36	38
22	40	19	30	-15	35	0	0	24	57	18	53	19	36	OM	OM	OM	47	34	41	43	35	39	39	35	37
23	48	22	35	-10	30	0	0	22	61	21	57	22	40	OM	OM	OM	47	34	41	43	35	39	39	34	37
24	49	35	42	-3	23	0	0	14	55	35	53	36	45	OM	OM	OM	47	35	41	45	36	41	41	35	38
25	55	49	52	7	13	7	0	0	58	49	58	49	54	OM	OM	OM	52	46	49	49	45	47	46	41	44
26	55	37	46	1	19	1	0	9	59	37	57	37	47	OM	OM	OM	55	42	49	52	43	48	48	43	46
27	61	39	50	5	15	5	0	1	74	37	71	37	54	OM	OM	OM	59	42	51	55	42	49	49	42	46
28	62	35	49	4	16	4	0	11	71	31	66	32	49	OM	OM	OM	61	41	51	57	43	50	51	43	47
29	56	30	43	-2	22	0	0	16	66	29	66	30	48	OM	OM	OM	59	39	49	55	41	48	49	41	45
30	61	32	47	2	18	2	0	14	72	32	69	33	51	OM	OM	OM	59	39	49	55	41	48	49	41	45
31	61	23	42	-4	23	0	0	14	71	18	69	21	45	OM	OM	OM	58	36	47	54	38	46	48	39	44

TOTAL 705 43 0 447 1989 906
 MEAN 53.8 30.3 42.0 -2.6 22.7 1.4 .0 14.4 64.2 29.2 60.6 30.2 45.4 .0 .0 .0 52.9 38.3 45.6 49.4 39.2 44.3 44.7 38.8 41.7

TEMPERATURE EXTREMES: HIGHEST 67 ON DAYS 7,
 LOWEST 15 ON DAYS 1.

TEMPERATURE: 0 DAYS WITH MAXIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MAXIMUM 90 DEGREES OR ABOVE.
 18 DAYS WITH MINIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MINIMUM 0 DEGREES OR BELOW.

* DEPARTURE FROM NORMAL.

M = MISSING OR UNOBSERVED DATA.
 DATA FOR 24 HOUR PERIOD ENDING 7AM CST ON INDICATED DAY

AGROCLIMATOLOGICAL DATA - JANUARY 1984

AUBURN, ALABAMA

DAY	PRECIPITATION		SOIL MOISTURE		OPEN PAN EVAPORATION				HYDROTHERMOGRAPH DATA					VEGETATIVE WETTING	
	WATER EQUI- VALENT (IN.)	DRY* DAYS	INDEX (IN.)	PERCENT BY VOL.	WATER MAX	TEMP (DEG F) MIN	MILES MEAN	AIR MOVEMENT	INCHES EVAP.	RELATIVE 1 AM	HUMIDITY (%) 7 AM	1 PM	7 PM	MEAN HRS	SOURCE
1	.00	3	.00M	.00M	41	33	37	47	.000M	52	55	22	53	46	0
2	.00	4	.00M	.00M	42	33	38	22	.000M	70	77	21	39	52	0
3	.00	5	.00M	.00M	42	34	38	34	.000M	51	87	37	67	61	0
4	.00	6	.00M	.00M	51	38	45	28	.000M	84	90	39	47	65	1 DEW
5	.00T	7	.00M	.00M	56	39	48	50	.100	63	86	37	55	60	5 RAIN DEW
6	.00	8	.00M	.00M	60	41	51	45	.115	79	83	41	63	67	0
7	.00	9	.00M	.00M	62	40	51	85	.169	63	72	31	46	53	0
8	.00	10	.00M	.00M	57	40	49	40	.000M	72	87	34	56	62	0
9	.00	11	.00M	.00M	61	40	51	32	.106	75	93	35	41	61	0
10	.83	0	.00M	.00M	59	51	55	97	.177	85	100	95	88	92	12 RAIN
11	.38	0	.00M	.00M	58	35	47	132	.000M	83	76	67	77	76	7 RAIN
12	.00	1	.00M	.00M	42	34	38	64	.000M	74	66	45	70	64	0
13	.00	2	.00M	.00M	44	34	39	85	.000M	79	95	76	81	83	0
14	.00	3	.00M	.00M	48	37	43	46	.053	91	88	47	61	72	1 RAIN
15	.11	4	.00M	.00M	57	39	48	125	.097	74	94	89	91	87	7 RAIN
16	.11	5	.00M	.00M	45	38	42	47	.026	100	100	87	93	95	22 RAIN FOG
17	.00	6	.00M	.00M	48	41	45	22	.023	98	92	87	100	94	5 DEW FOG RAIN
18	.51	0	.00M	.00M	48	44	46	66	.000M	100	100	98	98	99	24 RAIN
19	1.05	0	.00M	.00M	51	33	42	94	.000M	98	85	58	52	73	0M
20	.00	1	.00M	.00M	44	32	38	91	.000M	63	57	49	40	52	0M
21	.00	2	.00M	.00M	41	33	37	96	.000M	56	55	26	36	43	0
22	.00	3	.00M	.00M	42	32	37	77	.000M	48	55	30	36	42	0
23	.00	4	.00M	.00M	42	32	37	106	.000M	41	60	72	97	68	0
24	.41	0	.00M	.00M	45	36	41	100	.000M	100	100	100	100	100	21 RAIN
25	.34	0	.00M	.00M	53	45	49	19	.012	100	100	83	97	95	24 RAIN
26	.00T	1	.00M	.00M	56	41	49	39	.013	86	96	67	96	86	24 RAIN
27	.22	0	.00M	.00M	59	41	50	48	.061	100	100	76	54	83	20 RAIN
28	.00	1	.00M	.00M	62	40	51	43	.039	64	92	58	80	74	7 RAIN DEW
29	.00	2	.00M	.00M	59	39	49	50	.083	98	100	42	63	76	14 DEW
30	.00	3	.00M	.00M	61	39	50	38	.112	89	84	28	49	63	9 DEW
31	.00	4	.00M	.00M	59	34	47	118	.000M	70	88	33	49	60	0

TOTAL 3.96

1986 1.186

MEAN .000 51.5 37.7 44.6 64 .079 78 84 55 67 71 7

NORMAL PRECIPITATION FOR MONTH IS 5.14 INCHES; 24 HOUR MAXIMUM = 1.05 INCHES.

NUMBER OF DAYS WITH PRECIPITATION OF 0.01 OR MORE 91 OF 0.50 OR MORE 31 OF 1.00 OR MORE 1

* NUMBER OF DAYS SINCE LAST OCCURRENCE OF 0.20 INCHES OR MORE OF PRECIPITATION.

T = TRACE OF PRECIPITATION.

M = MISSING OR UNOBSERVED DATA.

VEGETATIVE WETTING DATA FOR 24 HOUR PERIOD ENDING AT NOON CST. RELATIVE HUMIDITY IS AT INDICATED CST HOUR. OTHER DATA FOR 24 HOURS ENDING 7AM CST.

AGROCLIMATOLOGICAL DATA - JANUARY 1984

AUBURN, ALABAMA

DAY	WIND OBSERVATIONS-14 FOOT LEVEL						SUNSHINE AND RADIATION				BAROMETRIC DATA			OZONE		THUNDERSTORMS		FRONTS	
	6PM TO 6AM		6AM TO 6PM		MAX GUST	MINS. OF SHINE	PERCENT OF POSSIBLE SUNSHINE	LANG-LEYS*	LANG-LEYS*	STATION PRESSURE IN INCHES			MIXING RATIO**	D LIGHTNING STROKES	OBSERVED OR REPORTED HAIL HI-WIND	TIME OF PASS-AGE	TYPE OF FRONT		
	PREV DIR.	AVER SPEED	PREV DIR.	AVER SPEED	HR. SPEED			RAD.	RAD.	MAX	MIN	MEAN	MAX	MIN	S	ES			
1	N	4	V	3	5100	12	556	92.2	304	OM	30.60	30.48	30.54						
2	V	1	NW	3	13100	13	412	68.2	278	OM	30.51	30.35	30.43						
3	N	3	N	4	10100	13	489	80.8	296	OM	30.31	30.24	30.27						
4	N	2	SW	5	12100	17	355	58.7	303	OM	30.28	30.00	30.14						
5	SW	3	NW	5	14100	19	491	81.2	299	OM	30.06	29.93	30.00						
6	W	3	SW	8	10100	21	517	85.3	293	OM	29.96	29.81	29.88						
7	NW	4	NW	6	12100	19	554	91.3	306	OM	30.20	29.94	30.07						
8	V	1	SW	4	12100	14	549	90.3	299	OM	30.28	30.18	30.23						
9	V	1	SE	5	0100	25	511	83.9	243	OM	30.27	29.99	30.13						
10	E	7	SW	7	19100	27	0	.0	46	OM	29.99	29.65	29.82						
11	NW	10	NW	6	2100	23	0	.0	140	OM	30.21	29.92	30.07						
12	NE	4	E	6	9100	16	OM	.OM	255	OM	30.35	30.17	30.26						
13	E	5	NE	4	2100	18	OM	.OM	162	OM	30.37	30.31	30.34						
14	NE	4	N	6	0100	16	432	70.4	281	OM	30.40	30.28	30.34						
15	NE	7	NE	4	1100	15	0	.0	87	OM	30.35	30.16	30.26						
16	E	3	V	1	2100	10	0	.0	74	OM	30.17	30.05	30.11						
17	N	3	NE	4	0100	15	0	.0	70	OM	30.22	30.08	30.15						
18	SE	5	V	4	23100	21	0	.0	28	OM	30.12	29.96	30.04						
19	NW	8	NW	8	4100	23	508	81.9	316	OM	30.37	30.12	30.25						
20	N	6	NE	8	8100	21	234	37.7	258	OM	30.41	30.33	30.37						
21	N	8	N	8	2100	23	600	96.3	364	OM	30.52	30.40	30.46						
22	NE	5	E	7	0100	18	607	97.3	359	OM	30.58	30.42	30.50						
23	E	7	E	7	8100	19	0	.0	117	OM	30.42	30.14	30.28						
24	E	7	E	3	2100	14	0	.0	47	OM	30.14	29.99	30.07						
25	V	2	NW	4	9100	12	0	.0	82	OM	30.10	29.98	30.04						
26	NE	4	E	4	1100	12	258	41.0	217	OM	30.14	29.94	30.04						
27	NE	5	NW	6	16100	17	235	37.3	189	OM	29.97	29.88	29.93						
28	NW	3	SW	6	15100	18	531	84.0	348	OM	29.97	29.87	29.92						
29	W	3	W	5	12100	18	513	81.0	357	OM	30.00	29.88	29.94						
30	V	1	W	13	14100	35	523	82.4	345	OM	30.18	29.92	30.05						
31	NW	5	NW	6	15100	21	583	91.7	376	OM	30.24	30.11	30.18						
TOTAL							9458		7139	0									
MEAN		4		5		18	326		230	0	30.25	30.08	30.16	.0	.0				

* ONE LANGLEY = ONE GRAM-CALORIE PER SQUARE CENTIMETER.
WIND SPEEDS ARE IN KNOTS (1 KNOT= 1.15 MPH)

** MIXING RATIO IS PARTS PER HUNDRED MILLION.

M = MISSING OR UNOBSERVED DATA.

WIND GUST, SUNSHINE & RADIATION ARE FROM MIDNIGHT-TO-MIDNIGHT ON INDICATED DAY

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 1975	15 1984
2	56	34	45	79 1952	9 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	16 1924
22	56	33	45	78 1927	8 1961
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.

AGROCLIMATOLOGICAL DATA - FEBRUARY 1984

AUBURN, ALABAMA

DAY	AIR TEMPERATURE DATA											(IN DEGREES FARENHEIT)									SOIL TEMPERATURE DATA								
	150 CM SHELTER TEMPERATURES				DEGREE DAYS			CHILL HRS	5CM OVER GRASS		5CM OVER FALLOW SOIL			SOIL SURFACE TEMPERATURES			5 CM SOIL TEMPERATURES			10 CM SOIL TEMPERATURES			20 CM SOIL TEMPERATURES						
	MAX	MIN	MEAN	DFN*	BELOW 65	ABOVE 45	55		MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN				
1	49	23	36	-10	29	0	0	19	66	21	61	22	42	OM	OM	OM	55	36	46	51	38	45	45	39	42				
2	58	25	42	-4	23	0	0	16	70	23	67	26	47	OM	OM	OM	57	36	47	53	38	46	46	38	42				
3	63	30	47	1	18	2	0	12	77	28	73	30	52	OM	OM	OM	60	37	49	56	40	48	48	39	44				
4	59	41	50	4	15	5	0	4	62	39	61	41	51	OM	OM	OM	56	44	50	53	45	49	47	42	45				
5	61	26	44	-2	21	0	0	12	77	23	72	26	49	OM	OM	OM	63	38	51	59	41	50	52	42	47				
6	52	18	35	-11	30	0	0	14	62	17	60	18	39	OM	OM	OM	54	35	45	52	38	45	46	39	43				
7	39	19	29	-17	36	0	0	24	56	15	51	18	35	OM	OM	OM	50	35	43	48	37	43	43	37	40				
8	48	23	36	-10	29	0	0	20	63	21	59	21	40	OM	OM	OM	53	35	44	50	37	44	43	36	40				
9	57	26	42	-4	23	0	0	16	73	25	69	27	48	OM	OM	OM	58	35	47	53	37	45	45	36	41				
10	64	35	50	4	15	5	0	2	78	33	74	34	54	OM	OM	OM	61	36	49	56	39	48	48	38	43				
11	64	47	56	10	9	11	1	0	67	46	67	46	57	OM	OM	OM	56	46	51	53	46	50	48	44	46				
12	74	48	61	14	4	16	6	0	84	47	82	48	65	OM	OM	OM	68	48	59	62	48	55	54	45	50				
13	74	54	64	17	1	19	9	0	85	54	81	54	68	OM	OM	OM	66	52	59	62	52	57	55	49	52				
14	68	44	56	9	9	11	1	1	79	44	76	45	61	OM	OM	OM	67	51	59	62	51	57	57	50	54				
15	67	41	54	7	11	9	0	8	80	37	75	39	57	OM	OM	OM	67	46	57	63	47	55	56	48	52				
16	72	42	57	10	8	12	2	2	88	40	80	41	61	OM	OM	OM	69	46	58	64	47	56	56	47	52				
17	71	44	58	11	7	13	3	1	82	43	77	43	60	OM	OM	OM	64	48	56	60	49	55	54	48	51				
18	71	39	55	7	10	10	0	6	85	36	81	37	59	OM	OM	OM	72	47	60	66	48	57	57	48	53				
19	74	44	59	11	6	14	4	1	89	43	85	44	65	OM	OM	OM	72	47	60	65	48	57	56	47	52				
20	74	48	61	13	4	16	6	0	82	48	82	48	65	OM	OM	OM	70	51	61	65	51	58	57	49	53				
21	61	42	52	4	13	7	0	3	74	40	72	41	57	OM	OM	OM	65	48	57	61	50	56	55	48	52				
22	63	43	53	4	12	8	0	3	76	39	71	40	56	OM	OM	OM	64	47	56	59	48	54	53	47	50				
23	52	42	47	-2	18	2	0	9	54	43	54	43	49	OM	OM	OM	53	48	51	52	48	50	49	46	48				
24	63	35	49	0	16	4	0	11	76	34	70	35	53	OM	OM	OM	63	44	54	59	45	52	52	45	49				
25	67	35	51	2	14	6	0	6	78	33	77	34	56	OM	OM	OM	67	43	55	62	45	54	53	45	49				
26	61	39	50	1	15	5	0	13	77	37	71	37	54	OM	OM	OM	68	42	55	62	44	53	54	43	49				
27	66	42	54	4	11	9	0	1	80	42	75	43	59	OM	OM	OM	68	42	55	62	44	53	54	43	49				
28	68	31	50	0	15	5	0	9	80	31	78	32	55	OM	OM	OM	67	41	54	63	43	53	56	45	51				
29	34	27	31	-19	34	0	0	24	40	27	40	27	34	OM	OM	OM	44	36	40	45	38	42	45	38	42				

TOTAL 456 189 32 237 2140 1009
 MEAN 61.9 36.3 49.1 1.9 15.7 6.5 1.1 8.2 73.8 34.8 70.3 35.9 53.1 .0 .0 .0 62.0 42.8 52.4 57.9 44.2 51.0 51.2 43.5 47.3

TEMPERATURE EXTREMES: HIGHEST 74 ON DAYS 12, 13, 19, 20,
 LOWEST 18 ON DAYS 6,

TEMPERATURE: 0 DAYS WITH MAXIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MAXIMUM 90 DEGREES OR ABOVE.
 10 DAYS WITH MINIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MINIMUM 0 DEGREES OR BELOW.

* DEPARTURE FROM NORMAL.

M = MISSING OR UNOBSERVED DATA.
 DATA FOR 24 HOUR PERIOD ENDING 7AM CST ON INDICATED DAY

AGROCLIMATOLOGICAL DATA - FEBRUARY 1984

AUBURN, ALABAMA

DAY	PRECIPITATION		SOIL MOISTURE		OPEN PAN EVAPORATION				HYGROTHERMOGRAPH DATA						VEGETATIVE WETTING	
	WATER EQUI-VALENT (IN.)	DRY* DAYS	INDEX (IN.)	PERCENT BY VOL.	WATER MAX	TEMP (DEG F) MIN	MEAN	MILES AIR MOVEMENT	INCHES EVAP.	1 AM	7 AM	1 PM	7 PM	MEAN	HRS	SOURCE
1	.00	5	.00M	.00M	51	34	43	46	.000M	61	88	35	62	62	0	
2	.00	6	.00M	.00M	58	36	47	33	.000M	85	96	34	44	65	8	DEW
3	.00T	7	.00M	.00M	62	39	51	48	.000M	55	70	74	100	75	5	RAIN
4	.19	8	.00M	.00M	55	43	49	50	.013	97	100	40	60	74	19	RAIN
5	.00	9	.00M	.00M	64	38	51	71	.000M	63	84	40	63	63	0	
6	.00	10	.00M	.00M	52	32	42	178	.000M	55	74	44	51	56	0	
7	.00	11	.00M	.00M	41	32	37	73	.000M	72	69	29	36	52	0	
8	.00	12	.00M	.00M	43	32	38	59	.000M	53	58	23	44	45	0	
9	.00	13	.00M	.00M	55	33	44	33	.000M	53	53	44	60	52	0	
10	.00	14	.00M	.00M	65	37	51	61	.131	75	80	63	100	80	1	RAIN
11	.47	0	.00M	.00M	58	47	53	71	.040	98	100	60	67	81	19	RAIN
12	.00	1	.00M	.00M	73	49	61	81	.114	80	97	56	95	82	5	DEW
13	1.07	0	.00M	.00M	71	53	62	135	.161	98	100	79	97	94	17	RAIN
14	.13	1	.00M	.00M	69	50	60	43	.042	100	100	40	55	74	18	RAIN FOG
15	.00	2	.00M	.00M	69	44	57	36	.165	80	79	30	63	63	9	DEW
16	.00	3	.00M	.00M	71	44	58	18	.142	66	73	46	71	64	0	
17	.00T	4	.00M	.00M	66	48	57	46	.097	98	100	39	61	75	14	FOG DEW
18	.00	5	.00M	.00M	75	47	61	27	.128	86	89	30	52	64	9	RAIN
19	.00	6	.00M	.00M	73	47	60	38	.166	75	92	58	88	78	0	
20	.03	7	.00M	.00M	73	53	63	62	.135	86	77	43	68	69	8	RAIN
21	.00T	8	.00M	.00M	63	48	56	54	.122	64	80	52	61	64	8	RAIN
22	.00T	9	.00M	.00M	61	45	53	40	.099	55	62	97	93	77	4	RAIN
23	.29	0	.00M	.00M	51	45	48	61	.008	96	96	59	70	80	20	RAIN FOG
24	.00	1	.00M	.00M	63	42	53	59	.077	94	95	42	71	76	11	DEW
25	.00T	2	.00M	.00M	67	41	54	100	.155	70	80	33	44	57	6	RAIN DEW
26	.00	3	.00M	.00M	66	40	53	59	.176	50	56	29	37	43	0	
27	1.38	0	.00M	.00M	67	40	54	160	.000M	89	100	51	74	79	12	RAIN
28	.12	1	.00M	.00M	69	35	52	185	.000M	96	72	82	84	84	10	RAIN
29	.00T	2	.00M	.00M	40	32	36	195	.000M	70	80	50	63	66	6	RAIN DEW
TOTAL	3.68							2122	1.971							
MEAN			.000		61.8	41.6	51.7	73	.109	76	83	48	67	69	7	

NORMAL PRECIPITATION FOR MONTH IS 5.34 INCHES! 24 HOUR MAXIMUM = 1.38 INCHES.

NUMBER OF DAYS WITH PRECIPITATION OF 0.01 OR MORE 81 OF 0.50 OR MORE 21 OF 1.00 OR MORE 2

* NUMBER OF DAYS SINCE LAST OCCURRENCE OF 0.20 INCHES OR MORE OF PRECIPITATION.

T = TRACE OF PRECIPITATION.

M = MISSING OR UNOBSERVED DATA.

VEGETATIVE WETTING DATA FOR 24 HOUR PERIOD ENDING AT NOON CST. RELATIVE HUMIDITY IS AT INDICATED CST HOUR.

OTHER DATA FOR 24 HOURS ENDING 7AM CST.

AGROCLIMATOLOGICAL DATA - FEBRUARY 1984

AUBURN, ALABAMA

DAY	WIND OBSERVATIONS-14 FOOT LEVEL						SUNSHINE AND RADIATION				BAROMETRIC DATA			OZONE		THUNDERSTORMS		FRONTS	
	6PM TO 6AM		6AM TO 6PM		MAX GUST	MINS. OF SUNSHINE	PERCENT OF POSSIBLE SUNSHINE	LANG-LEYS*	LANG-LEYS*	STATION PRESSURE IN INCHES			MIXING RATIO**		D LIGHTNING STROKES	OBSERVED OR REPORTED HAIL HI-WIND	TIME OF PASS-AGE	TYPE OF FRONT	
	PREV DIR.	AVER SPEED	PREV DIR.	AVER SPEED	HR. SPEED			SOLAR RAD.	NET RAD.	MAX	MIN	MEAN	MAX	MIN	S	ES			
1	NW	2	SW	4	12:00	15	570	89.3	359	OM	30.26	30.16	30.21						
2	V	1	SE	5	12:00	17	565	88.3	359	OM	30.27	30.03	30.15						
3	SE	2	SE	4	14:00	13	1	.2	113	OM	30.04	29.81	29.92						
4	N	5	NW	7	13:00	21	561	87.2	387	OM	29.88	29.75	29.82						
5	NW	4	SW	12	15:00	34	429	66.6	345	OM	30.05	29.73	29.89						
6	NW	11	NW	9	11:00	27	509	78.8	396	OM	30.26	30.04	30.15						
7	NW	2	N	7	9:00	19	610	94.3	412	OM	30.42	30.26	30.34						
8	NE	5	SE	4	3:00	14	612	94.3	405	OM	30.48	30.37	30.42						
9	E	2	SE	5	13:00	18	590	90.6	387	OM	30.40	30.25	30.33						
10	SE	3	SE	7	20:00	21	2	.3	108	OM	30.27	30.18	30.22						
11	E	4	SE	5	13:00	16	292	44.6	333	OM	30.23	30.12	30.17						
12	E	6	SE	11	14:00	29	165	25.1	244	OM	30.14	29.96	30.05						
13	E	5	SW	5	11:00	17	24	3.6	157	OM	29.99	29.88	29.94						
14	NW	3	NW	6	12:00	23	575	87.3	415	OM	30.08	29.93	30.00						
15	N	3	V	3	10:00	13	507	76.7	429	OM	30.16	30.06	30.11						
16	V	1	S	6	10:00	21	217	32.7	237	OM	30.18	30.00	30.09						
17	V	1	SW	4	12:00	15	492	74.0	418	OM	30.15	30.05	30.10						
18	V	1	SE	5	13:00	17	494	74.1	409	OM	30.11	30.00	30.05						
19	S	2	SW	6	12:00	16	146	21.8	291	OM	30.04	29.95	30.00						
20	NW	4	NW	5	8:00	16	77	11.5	243	OM	30.03	29.92	29.97						
21	NW	4	NE	4	9:00	16	251	37.4	267	OM	29.98	29.87	29.92						
22	NE	3	NE	6	16:00	18	0	.0	61	OM	29.95	29.84	29.89						
23	NW	4	NW	8	9:00	23	301	44.5	304	OM	29.93	29.82	29.88						
24	V	1	SW	9	14:00	25	401	59.1	396	OM	29.96	29.78	29.87						
25	NW	5	NW	6	15:00	19	624	91.6	489	OM	30.04	29.92	29.98						
26	NE	4	E	9	22:00	27	638	93.5	489	OM	30.03	29.58	29.80						
27	SE	12	S	10	2:00	31	188	27.5	287	OM	29.64	29.47	29.55						
28	H	14	H	15	15:00	33	17	2.5	153	OM	29.98	29.64	29.81						
29	NW	12	NW	12	15:00	30	307	44.6	339	OM	30.19	29.98	30.03						
TOTAL							10165		9231	0									
MEAN		4		7		21	351		318	0	30.11	29.94	30.03	.0	.0				

* ONE LANGLEY = ONE GRAM-CALORIE PER SQUARE CENTIMETER.
WIND SPEEDS ARE IN KNOTS (1 KNOT= 1.15 MPH)

** MIXING RATIO IS PARTS PER HUNDRED MILLION.

M = MISSING OR UNOBSERVED DATA.
WIND GUST, SUNSHINE & RADIATION ARE FROM MIDNIGHT-TO-MIDNIGHT ON INDICATED DAY

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	79 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
29	62	38	50	82 1962	18 1963

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

AGROCLIMATOLOGICAL DATA - MARCH 1984

AUBURN, ALABAMA

DAY	AIR TEMPERATURE DATA											SOIL TEMPERATURE DATA													
	150 CM SHELTER TEMPERATURES				DEGREE DAYS			CHILL HRS	5CM OVER GRASS		5CM OVER FALLOW SOIL			SOIL SURFACE TEMPERATURES			5 CM SOIL TEMPERATURES			10 CM SOIL TEMPERATURES			20 CM SOIL TEMPERATURES		
	MAX	MIN	MEAN	DFN*	BELOW		55	MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
					65	45																			
1	44	23	34	-16	31	0	0	24	59	18	52	21	37	OM	OM	OM	50	36	43	47	38	43	43	38	41
2	52	26	39	-11	26	0	0	17	68	24	64	26	45	OM	OM	OM	59	36	48	54	38	46	46	37	42
3	60	31	46	-5	19	1	0	9	70	34	69	36	53	OM	OM	OM	60	37	49	55	39	47	48	39	44
4	66	45	56	5	9	11	1	0	79	43	76	43	60	OM	OM	OM	64	44	54	57	45	51	50	43	47
5	71	49	60	9	5	15	5	0	85	50	83	50	67	OM	OM	OM	70	48	59	63	49	56	55	44	50
6	60	46	53	1	12	8	0	0	61	47	61	47	54	OM	OM	OM	59	53	56	57	53	55	52	50	51
7	53	27	40	-12	25	0	0	14	59	25	57	26	42	OM	OM	OM	59	38	49	56	41	49	52	43	48
8	55	29	42	-10	23	0	0	17	71	28	64	28	46	OM	OM	OM	62	38	50	57	41	49	50	42	46
9	65	28	47	-5	18	2	0	10	74	28	74	29	52	OM	OM	OM	64	39	52	59	42	51	51	42	47
10	51	29	40	-13	25	0	0	18	63	28	63	28	46	OM	OM	OM	64	38	51	59	41	50	51	40	46
11	48	31	40	-13	25	0	0	21	51	30	53	31	42	OM	OM	OM	52	39	46	50	41	46	45	40	43
12	63	37	50	-3	15	5	0	10	74	38	74	39	57	OM	OM	OM	68	39	54	61	41	51	52	40	46
13	68	43	56	2	9	11	1	1	80	45	81	45	63	OM	OM	OM	68	43	56	62	45	54	53	42	48
14	72	47	60	6	5	15	5	0	83	45	81	45	63	OM	OM	OM	70	50	60	65	51	58	58	50	54
15	81	49	65	11	0	20	10	0	90	47	90	47	69	OM	OM	OM	81	51	66	73	51	62	63	50	57
16	81	50	66	12	0	21	11	OM	89	49	92	48	70	OM	OM	OM	82	53	68	74	53	64	63	52	58
17	77	56	67	12	0	22	12	OM	89	56	89	56	73	OM	OM	OM	78	56	67	70	56	63	62	52	57
18	73	50	62	7	3	17	7	OM	79	50	77	49	63	OM	OM	OM	71	54	63	67	55	61	67	55	61
19	84	53	69	14	0	24	14	OM	92	51	94	51	73	OM	OM	OM	85	55	70	77	55	66	66	54	60
20	79	59	69	13	0	24	14	OM	91	60	92	60	76	OM	OM	OM	82	59	71	74	58	66	66	56	61
21	64	33	49	-7	16	4	0	OM	64	34	65	33	49	OM	OM	OM	65	44	55	63	46	55	59	47	53
22	63	38	51	-5	14	6	0	OM	71	36	71	36	54	OM	OM	OM	65	45	55	61	46	54	54	46	50
23	71	44	58	2	7	13	3	OM	81	42	81	42	62	OM	OM	OM	72	46	59	66	47	57	57	46	52
24	80	50	65	8	0	20	10	OM	90	48	90	47	69	OM	OM	OM	80	51	66	72	51	62	62	50	56
25	77	57	67	10	0	22	12	OM	86	58	86	58	72	OM	OM	OM	77	54	66	70	54	62	61	52	57
26	68	39	54	-3	11	9	0	OM	78	40	78	40	59	OM	OM	OM	74	51	63	70	53	62	63	52	58
27	67	46	57	-1	8	12	2	OM	80	52	80	51	66	OM	OM	OM	70	52	61	65	53	59	59	52	56
28	69	55	62	4	3	17	7	OM	78	55	80	56	68	OM	OM	OM	72	57	65	66	57	62	59	54	57
29	79	44	62	4	3	17	7	OM	86	46	86	46	66	OM	OM	OM	75	52	64	70	52	61	65	56	61
30	61	34	48	-11	17	3	0	OM	71	35	69	34	52	OM	OM	OM	68	41	55	62	47	55	57	48	53
31	62	38	50	-9	15	5	0	OM	73	38	71	38	55	OM	OM	OM	71	46	59	65	47	56	58	47	53

TOTAL 344 324 121 141 2365 1280
 MEAN 66.6 41.5 54.0 -4 11.1 10.5 3.9 9.4 76.3 41.3 75.6 41.5 58.5 .0 .0 .0 68.9 46.6 57.8 63.5 47.9 55.7 56.4 47.1 51.7

TEMPERATURE EXTREMES: HIGHEST 84 ON DAYS 19,
 LOWEST 23 ON DAYS 1.

TEMPERATURE: 0 DAYS WITH MAXIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MAXIMUM 90 DEGREES OR ABOVE.
 8 DAYS WITH MINIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MINIMUM 0 DEGREES OR BELOW.

* DEPARTURE FROM NORMAL.

M = MISSING OR UNOBSERVED DATA.
 DATA FOR 24 HOUR PERIOD ENDING 7AM CST ON INDICATED DAY

AGROCLIMATOLOGICAL DATA - MARCH 1964

AUBURN, ALABAMA

DAY	PRECIPITATION		SOIL MOISTURE		OPEN PAN EVAPORATION				HYGROTHERMOGRAPH DATA						VEGETATIVE WETTING	
	WATER EQUI-VALENT (IN.)	DRY* DAYS	INDEX (IN.)	PERCENT BY VOL.	WATER MAX	TEMP (DEG F) MIN	MEAN	MILES AIR MOVEMENT	INCHES EVAP.	RELATIVE HUMIDITY (%) 1 AM	7 AM	1 PM	7 PM	MEAN HRS	SOURCE	
1	.00	3	.00M	.00M	44	32	38	96	.000M	75	85	35	56	63	1	DEW
2	.00	4	.00M	.00M	56	34	45	34	.000M	68	95	45	68	69	1	DEW
3	.00	5	.00M	.00M	61	38	50	44	.000M	93	93	57	91	84	11	DEW
4	.00	6	.00M	.00M	63	44	54	38	.076	100	97	42	54	73	14	DEW FOG
5	.06	7	.00M	.00M	72	49	61	108	.205	69	92	97	100	90	9	RAIN
6	.95	0	.00M	.00M	59	52	56	44	.036	100	94	76	88	90	19	RAIN
7	.14	1	.00M	.00M	56	36	46	88	.000M	78	87	33	52	63	12	RAIN
8	.00	2	.00M	.00M	60	36	48	66	.000M	79	76	32	43	58	1	DEW
9	.00	3	.00M	.00M	65	39	52	134	.000M	52	56	31	38	44	0	
10	.00	4	.00M	.00M	60	37	49	56	.000M	50	57	41	71	55	0	
11	.00	5	.00M	.00M	47	38	43	23	.059	91	84	37	52	66	8	DEW
12	.00	6	.00M	.00M	52	40	46	84	.214	55	58	33	50	49	0	
13	.02	7	.00M	.00M	53	42	48	100	.173	81	98	64	65	77	12	RAIN FOG
14	.00	8	.00M	.00M	73	51	62	54	.104	80	96	29	50	64	12	DEW
15	.00	9	.00M	.00M	83	51	67	22	.181	72	67	35	47	55	0	
16	.00	10	.00M	.00M	81	53	67	58	.236	64	86	33	79	66	3	RAIN
17	.01	11	.00M	.00M	75	54	65	51	.066	96	88	73	91	87	13	DEW RAIN
18	.04	12	.00M	.00M	61	54	58	28	.056	95	100	37	37	67	15	DEW FOG RAIN
19	.00	13	.00M	.00M	83	56	70	44	.256	75	92	45	55	67	5	DEW
20	.22	0	.00M	.00M	80	58	69	102	.214	82	95	98	75	88	10	RAIN
21	2.79	0	.00M	.00M	63	37	50	148	.000M	84	89	32	37	61	11	RAIN DEW
22	.00	1	.00M	.00M	64	37	51	130	.259	76	62	35	57	58	0	
23	.00	2	.00M	.00M	72	41	57	63	.229	71	52	27	48	50	4	DEW
24	.00	3	.00M	.00M	81	50	66	43	.216	49	63	39	84	59	0	
25	1.40	0	.00M	.00M	77	53	65	107	.272	94	97	51	67	77	16	RAIN
26	.00	1	.00M	.00M	75	48	62	84	.228	79	89	50	70	72	6	DEW
27	.01	2	.00M	.00M	68	48	58	36	.137	73	90	80	91	84	5	RAIN
28	.36	0	.00M	.00M	71	56	64	87	.115	97	96	50	80	81	14	RAIN
29	.14	1	.00M	.00M	75	52	64	238	.240	77	80	50	58	66	7	RAIN
30	.00	2	.00M	.00M	66	41	54	121	.238	88	79	34	47	62	9	DEW
31	.00	3	.00M	.00M	70	41	56	96	.247	60	53	34	35	46	0	
TOTAL	6.14							2427	4.057							
MEAN			.000		66.6	45.1	55.9	78	.176	78	82	47	62	67	7	

NORMAL PRECIPITATION FOR MONTH IS 6.85 INCHES; 24 HOUR MAXIMUM = 2.79 INCHES.

NUMBER OF DAYS WITH PRECIPITATION OF 0.01 OR MORE 12; OF 0.50 OR MORE 3; OF 1.00 OR MORE 2

* NUMBER OF DAYS SINCE LAST OCCURRENCE OF 0.20 INCHES OR MORE OF PRECIPITATION.

T = TRACE OF PRECIPITATION.

M = MISSING OR UNOBSERVED DATA.

VEGETATIVE WETTING DATA FOR 24 HOUR PERIOD ENDING AT NOON CST. RELATIVE HUMIDITY IS AT INDICATED CST HOUR. OTHER DATA FOR 24 HOURS ENDING 7AM CST.

AGROCLIMATOLOGICAL DATA - MARCH 1984

AUBURN, ALABAMA

DAY	WIND OBSERVATIONS-14 FOOT LEVEL					SUNSHINE AND RADIATION				BAROMETRIC DATA			OZONE		THUNDERSTORMS			FRONTS	
	6PM TO 6AM		6AM TO 6PM		MAX GUST	MINS. OF SUN-	PERCENT POSSIBLE	LANG-LEYS*	LANG-LEYS*	STATION PRESSURE IN INCHES			MIXING RATIO**		D LIGHT- A NING- Y STROK-	OBSERVED OR REPORTED	TIME OF PASS	TYPE OF FRONT	
	DIR.	AVER SPEED	DIR.	AVER SPEED	HR. SPEED	SHINE	SUNSHINE	SOLAR RAD.	NET RAD.	MAX	MIN	MEAN	MAX	MIN	S	ES	HAIL HI-WIND	-AGE	FRONT
1	NW	3	V	4	15:00	15	647	94.0	508	OM	30.25	30.10	30.18						
2	V	1	SW	6	12:00	19	361	52.2	385	OM	30.18	30.09	30.14						
3	V	1	W	4	16:00	15	289	41.7	264	OM	30.19	30.10	30.15						
4	E	2	SE	8	13:00	23	519	74.8	428	OM	30.18	29.94	30.06						
5	SE	5	NE	4	2:00	16	0	.0	44	OM	29.96	29.73	29.85						
6	NE	5	NW	7	5:00	23	15	2.1	137	OM	29.99	29.72	29.86						
7	NW	6	NW	8	14:00	23	633	90.3	510	OM	30.20	29.98	30.09						
8	V	1	SW	12	15:00	34	669	95.3	529	OM	30.22	30.05	30.13						
9	NW	6	NW	6	12:00	17	664	94.3	554	OM	30.34	30.18	30.26						
10	N	4	N	4	8:00	14	66	9.3	180	OM	30.32	30.21	30.27						
11	N	3	NW	6	15:00	19	648	91.4	531	OM	30.25	30.14	30.19						
12	E	6	SE	10	13:00	27	417	58.6	409	OM	30.19	30.06	30.13						
13	SE	3	W	6	15:00	19	233	32.7	301	OM	30.20	30.03	30.11						
14	N	3	V	2	12:00	11	669	93.6	518	OM	30.30	30.18	30.24						
15	V	2	S	6	14:00	18	653	91.1	522	OM	30.32	30.19	30.26						
16	SW	2	W	7	13:00	21	336	46.7	367	OM	30.28	30.13	30.21						
17	V	1	V	4	10:00	16	94	13.0	216	OM	30.18	30.06	30.12						
18	V	2	SW	5	15:00	18	672	92.9	504	OM	30.08	29.95	30.02						
19	SW	3	S	7	14:00	23	336	46.3	403	OM	30.00	29.82	29.91						
20	SE	5	S	9	12:00	25	6	.8	55	OM	29.82	29.53	29.68						
21	W	8	H	16	15:00	39	700	96.0	590	OM	29.86	29.74	29.80						
22	W	2	SW	8	14:00	25	689	94.3	562	OM	30.04	29.86	29.95						
23	V	1	V	4	8:00	15	685	93.3	528	OM	30.10	29.99	30.05						
24	E	3	SE	7	19:00	25	382	52.0	527	OM	30.02	29.79	29.91						
25	S	6	SW	10	11:00	21	593	80.5	558	OM	29.87	29.76	29.81						
26	N	4	SW	3	12:00	14	211	28.5	344	OM	29.91	29.76	29.83						
27	V	3	SE	5	18:00	18	55	7.4	216	OM	29.77	29.38	29.58						
28	SE	6	S	12	17:00	41	289	38.8	331	OM	29.39	29.06	29.22						
29	W	17	NW	12	1:00	33	424	56.8	428	OM	29.93	29.38	29.66						
30	NW	3	NW	7	9:00	23	701	93.7	577	OM	30.05	29.92	29.99						
31	NE	5	NE	6	20:00	19	668	89.3	568	OM	30.14	30.03	30.08						
TOTAL							13323		12594	0									
MEAN		4		7		22	430		406	0	30.08	29.90	29.99	.0	.0				

* ONE LANGLEY = ONE GRAM-CALORIE PER SQUARE CENTIMETER.
WIND SPEEDS ARE IN KNOTS (1 KNOT= 1.15 MPH)

** MIXING RATIO IS PARTS PER HUNDRED MILLION.

H = MISSING OR UNOBSERVED DATA.
WIND GUST, SUNSHINE & RADIATION ARE FROM MIDNIGHT-TO-MIDNIGHT ON INDICATED DAY

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	19	1926
15	66	42	54	82	1953	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	1953
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	1953
28	70	46	58	84	1910	24	1953
29	70	46	58	85	1945	26	1953
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.

AGROCLIMATOLOGICAL DATA - APRIL 1984

AUBURN, ALABAMA

DAY	AIR TEMPERATURE DATA								(IN DEGREES FARENHEIT)									SOIL TEMPERATURE DATA								
	150 CM SHELTER TEMPERATURES				DEGREE DAYS			CHILL HRS	5CM OVER GRASS		5CM OVER FALLOW SOIL			SOIL SURFACE TEMPERATURES			5 CM SOIL TEMPERATURES			10 CM SOIL TEMPERATURES			20 CM SOIL TEMPERATURES			
	MAX	MIN	MEAN	DFN*	BELOW 65	ABOVE 45	55		MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
1	66	40	53	-6	12	8	0	OM	77	40	76	39	58	OM	OM	OM	74	47	61	68	47	58	59	47	53	
2	67	43	55	-5	10	10	0	OM	79	41	77	40	59	OM	OM	OM	75	50	63	69	50	60	61	50	56	
3	71	52	62	2	3	17	7	OM	80	54	81	54	68	OM	OM	OM	74	55	65	67	50	59	59	50	55	
4	69	55	62	2	3	17	7	OM	77	57	77	57	67	OM	OM	OM	71	58	65	66	56	61	60	54	57	
5	69	44	57	-4	8	12	2	OM	79	45	80	45	63	OM	OM	OM	73	48	61	70	52	61	63	53	58	
6	58	36	47	-14	18	2	0	OM	69	37	69	37	53	OM	OM	OM	60	44	52	60	48	54	56	49	53	
7	69	39	54	-7	11	9	0	OM	78	38	77	38	58	OM	OM	OM	71	45	58	68	48	58	60	49	55	
8	74	50	62	1	3	17	7	OM	87	53	86	52	69	OM	OM	OM	78	47	63	71	50	61	62	50	56	
9	71	53	62	0	3	17	7	OM	75	54	76	54	65	OM	OM	OM	65	54	60	63	56	60	59	55	57	
10	75	44	60	-2	5	15	5	OM	83	47	83	47	65	OM	OM	OM	72	52	62	68	54	61	61	55	58	
11	55	45	50	-12	15	5	0	OM	60	46	62	46	54	OM	OM	OM	59	49	54	59	52	56	56	52	54	
12	67	45	56	-6	9	11	1	OM	88	44	86	44	65	OM	OM	OM	73	50	62	67	52	60	60	52	56	
13	75	50	63	0	2	18	8	OM	82	50	83	49	66	OM	OM	OM	80	52	66	74	53	64	65	53	59	
14	79	57	68	5	0	23	13	OM	92	57	91	56	74	OM	OM	OM	83	56	70	77	57	67	67	56	62	
15	73	42	58	-5	7	13	3	OM	83	41	83	42	63	OM	OM	OM	77	51	64	72	54	63	65	55	60	
16	65	40	53	-11	12	8	0	OM	79	41	81	40	61	OM	OM	OM	74	48	61	69	51	60	62	52	57	
17	60	42	51	-13	14	6	0	OM	69	42	68	41	55	OM	OM	OM	68	49	59	64	52	58	59	52	56	
18	62	38	50	-14	15	5	0	OM	70	37	71	37	54	OM	OM	OM	64	45	55	61	49	55	58	50	54	
19	68	46	57	-7	8	12	2	OM	80	43	78	44	61	OM	OM	OM	75	48	62	70	49	60	62	48	55	
20	66	56	61	-4	4	16	6	OM	73	58	73	57	65	OM	OM	OM	63	55	59	62	56	59	59	55	57	
21	82	60	71	6	0	26	16	OM	90	59	91	58	75	OM	OM	OM	83	60	72	77	60	69	67	57	62	
22	81	63	72	7	0	27	17	OM	91	64	94	64	79	OM	OM	OM	84	63	74	78	62	70	70	60	65	
23	73	55	64	-1	1	19	9	OM	72	56	72	55	64	OM	OM	OM	72	57	65	70	60	65	65	60	63	
24	68	40	54	-12	11	9	0	OM	78	38	79	39	59	OM	OM	OM	76	50	63	72	53	63	66	55	61	
25	74	45	60	-6	5	15	5	OM	82	44	82	44	63	OM	OM	OM	81	52	67	74	54	64	66	55	61	
26	83	47	65	-1	0	20	10	OM	93	44	96	44	70	OM	OM	OM	88	54	71	80	56	68	70	56	63	
27	82	62	72	6	0	27	17	OM	93	62	96	61	79	OM	OM	OM	88	58	73	81	59	70	71	59	65	
28	80	64	72	5	0	27	17	OM	85	65	86	64	75	OM	OM	OM	81	64	73	75	65	70	69	63	66	
29	76	62	69	2	0	24	14	OM	80	64	80	63	72	OM	OM	OM	74	62	68	72	64	68	68	63	66	
30	84	59	72	5	0	27	17	OM	95	58	93	57	75	OM	OM	OM	87	63	75	82	65	74	73	63	68	

TOTAL 179 462 190 0 2419 1479
 MEAN 71.4 49.1 60.3 -2.8 6.0 15.4 6.3 .0 80.6 49.3 80.9 48.9 64.9 .0 .0 .0 74.8 52.9 63.8 70.2 54.5 62.3 63.3 54.3 58.8

TEMPERATURE EXTREMES: HIGHEST 84 ON DAYS 30,
 LOWEST 36 ON DAYS 6.

TEMPERATURE: 0 DAYS WITH MAXIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MAXIMUM 90 DEGREES OR ABOVE.
 0 DAYS WITH MINIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MINIMUM 0 DEGREES OR BELOW.

* DEPARTURE FROM NORMAL.

M = MISSING OR UNOBSERVED DATA.
 DATA FOR 24 HOUR PERIOD ENDING 7AM CST ON INDICATED DAY

AGROCLIMATOLOGICAL DATA - APRIL 1984

AUBURN, ALABAMA

DAY	PRECIPITATION		SOIL MOISTURE		OPEN PAN EVAPORATION				HYGROTHERMOGRAPH DATA					VEGETATIVE WETTING	
	WATER EQUI-VALENT (IN.)	DRY* DAYS	INDEX (IN.)	PERCENT BY VOL.	WATER TEMP (DEG F) MAX	MIN	MEAN	MILES AIR MOVEMENT	INCHES EVAP.	RELATIVE HUMIDITY (%) 1 AM	7 AM	1 PM	7 PM	MEAN HRS	SOURCE
1	.00	4	.00M	.00M	73	41	57	65	.248	56	62	35	47	50	OM
2	.00	5	.00M	.00M	74	45	60	73	.290	53	49	35	48	46	OM
3	.94	0	.00M	.00M	72	47	60	94	.221	97	100	65	69	93	OM
4	.14	1	.00M	.00M	72	56	64	121	.060	94	100	36	50	70	OM
5	.00T	2	.00M	.00M	75	47	61	175	.334	66	71	54	66	64	OM
6	.00	3	.00M	.00M	61	44	53	96	.128	88	89	36	49	66	OM
7	.00	4	.00M	.00M	74	44	59	89	.254	50	60	27	61	50	OM
8	.00	5	.00M	.00M	79	46	63	30	.199	38	40	35	93	52	OM
9	.62	0	.00M	.00M	66	55	61	94	.137	97	95	75	89	89	OM
10	.05	1	.00M	.00M	75	50	63	80	.069	97	94	80	83	89	OM
11	.00	2	.00M	.00M	59	48	54	57	.065	90	88	59	69	77	OM
12	.00	3	.00M	.00M	73	48	61	34	.110	97	98	52	68	79	OM
13	.00	4	.00M	.00M	82	52	67	47	.189	98	93	50	77	80	OM
14	.00	5	.00M	.00M	83	58	71	39	.162	82	88	55	54	70	OM
15	.21	0	.00M	.00M	77	51	64	80	.249	61	68	47	63	60	OM
16	.00	1	.00M	.00M	71	46	59	87	.187	88	92	64	65	77	OM
17	.00T	2	.00M	.00M	66	47	57	81	.140	84	90	61	58	73	OM
18	.08	3	.00M	.00M	63	45	54	71	.150	89	84	34	59	67	OM
19	.00	4	.00M	.00M	74	45	60	78	.250	85	92	83	90	88	OM
20	.78	0	.00M	.00M	64	54	59	70	.050	98	98	54	62	78	OM
21	.00	1	.00M	.00M	86	61	74	80	.217	92	90	52	65	75	OM
22	.02	2	.00M	.00M	86	64	75	76	.220	81	92	90	89	88	OM
23	.29	0	.00M	.00M	74	58	66	80	.077	67	65	42	49	56	OM
24	.00	1	.00M	.00M	75	47	61	118	.319	79	72	33	50	59	OM
25	.00	2	.00M	.00M	78	48	63	68	.267	82	52	31	55	55	OM
26	.00	3	.00M	.00M	87	54	71	30	.249	88	65	34	75	66	OM
27	.35	0	.00M	.00M	87	57	72	50	.208	96	95	70	90	88	OM
28	.00T	1	.00M	.00M	81	65	73	40	.060	97	95	89	93	94	OM
29	.03	2	.00M	.00M	77	65	71	41	.057	94	95	50	64	76	OM
30	.00	3	.00M	.00M	87	66	77	56	.217	84	93	60	66	76	OM
TOTAL	3.51							2200	5.383						
MEAN			.000		75.0	51.8	63.4	73	.179	82	82	54	68	72	0

NORMAL PRECIPITATION FOR MONTH IS 5.31 INCHES; 24 HOUR MAXIMUM = .94 INCHES.

NUMBER OF DAYS WITH PRECIPITATION OF 0.01 OR MORE 11; OF 0.50 OR MORE 3; OF 1.00 OR MORE 0

* NUMBER OF DAYS SINCE LAST OCCURRENCE OF 0.20 INCHES OR MORE OF PRECIPITATION.

T = TRACE OF PRECIPITATION.

M = MISSING OR UNOBSERVED DATA.

VEGETATIVE WETTING DATA FOR 24 HOUR PERIOD ENDING AT NOON CST. RELATIVE HUMIDITY IS AT INDICATED CST HOUR. OTHER DATA FOR 24 HOURS ENDING 7AM CST.

AGROCLIMATOLOGICAL DATA - APRIL 1984

AUBURN, ALABAMA

DAY	WIND OBSERVATIONS-14 FOOT LEVEL						SUNSHINE AND RADIATION				BAROMETRIC DATA			OZONE		THUNDERSTORMS			FRONTS	
	6PM TO 6AM		6AM TO 6PM		MAX GUST	MINS. OF SUNSHINE	PERCENT OF POSSIBLE SUNSHINE	LANG-LEYS*	LANG-LEYS*	STATION PRESSURE IN INCHES			MIXING RATIO**	D LIGHTNING STROKES	OBSERVED OR REPORTED HAIL HI-WIND	TIME OF PASS	TYPE OF FRONT			
	PREV DIR.	AVER SPEED	PREV DIR.	AVER SPEED	HR. SPEED			SOLAR RAD.	NET RAD.	MAX	MIN	MEAN	MAX	MIN	S	ES				
1	N	5	NH	7	12:00	21	716	95.2	582	OM	30.18	30.05	30.11							
2	NE	4	SE	7	15:00	19	274	36.4	404	OM	30.18	29.94	30.06							
3	SE	5	SE	6	4:00	21	74	9.8	203	OM	29.95	29.86	29.91							
4	SE	9	SW	13	13:00	29	560	73.9	544	OM	29.78	29.65	29.72							
5	NH	10	NH	11	2:00	27	85	11.2	256	OM	29.90	29.74	29.82							
6	W	3	NH	11	14:00	28	716	94.0	588	OM	29.96	29.85	29.91							
7	NH	3	V	3	8:00	14	525	68.8	519	OM	30.08	29.96	30.02							
8	NE	2	SE	6	17:00	29	36	4.7	204	OM	30.02	29.82	29.92							
9	E	8	SE	5	18:00	23	113	14.7	217	OM	29.84	29.74	29.79							
10	NE	8	NE	6	2:00	19	0	.0	149	OM	29.90	29.82	29.86							
11	NE	5	E	4	11:00	15	192	24.9	379	OM	29.94	29.85	29.90							
12	E	2	SE	6	10:00	18	687	88.8	575	OM	29.96	29.85	29.91							
13	V	1	SW	5	15:00	17	648	83.5	560	OM	29.92	29.82	29.87							
14	V	2	W	7	11:00	30	326	42.0	356	OM	29.87	29.75	29.81							
15	NH	4	W	7	12:00	23	403	51.7	452	OM	29.78	29.73	29.75							
16	W	4	SW	8	16:00	29	218	27.9	374	OM	29.76	29.70	29.73							
17	W	3	W	8	16:00	29	283	36.1	356	OM	29.87	29.72	29.80							
18	V	1	SW	9	11:00	25	727	92.6	639	OM	29.94	29.86	29.90							
19	V	2	SW	8	11:00	28	12	1.5	175	OM	29.99	29.89	29.94							
20	V	4	S	8	12:00	21	477	60.5	518	OM	30.02	29.94	29.98							
21	SE	4	SE	6	13:00	17	417	52.8	480	OM	30.05	29.92	29.99							
22	SE	4	S	6	12:00	21	1	.1	124	OM	29.92	29.78	29.85							
23	W	5	W	13	12:00	29	479	60.3	573	OM	29.83	29.69	29.76							
24	W	3	W	9	14:00	23	760	95.6	651	OM	29.93	29.81	29.87							
25	V	1	S	4	14:00	19	760	95.2	646	OM	30.03	29.93	29.98							
26	V	1	SE	4	9:00	15	517	64.6	520	OM	30.06	29.97	30.02							
27	V	3	S	7	11:00	21	191	23.8	314	OM	30.09	29.97	30.03							
28	V	2	V	5	14:00	27	0	.0	137	OM	30.20	30.06	30.13							
29	E	4	SE	6	12:00	21	362	45.0	471	OM	30.14	30.08	30.11							
30	V	2	SW	7	14:00	21	142	17.6	365	OM	30.14	30.06	30.10							
TOTAL							10701		12331	0										
MEAN	4		7		23	357		411	0	29.97	29.86	29.92	.0	.0						

* ONE LANGLEY = ONE GRAM-CALORIE PER SQUARE CENTIMETER.
WIND SPEEDS ARE IN KNOTS (1 KNOT= 1.15 MPH)

** MIXING RATIO IS PARTS PER HUNDRED MILLION.

M = MISSING OR UNOBSERVED DATA.
WIND GUST, SUNSHINE & RADIATION ARE FROM MIDNIGHT-TO-MIDNIGHT ON INDICATED DAY

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	1916
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.

AGROCLIMATOLOGICAL DATA - MAY 1984

AUBURN, ALABAMA

DAY	AIR TEMPERATURE DATA (IN DEGREES FARENHEIT)										SOIL TEMPERATURE DATA														
	150 CM SHELTER TEMPERATURES				DEGREE DAYS			CHILL HRS	5CM OVER GRASS		5CM OVER FALLOW SOIL			SOIL SURFACE TEMPERATURES			5 CM SOIL TEMPERATURES			10 CM SOIL TEMPERATURES			20 CM SOIL TEMPERATURES		
	MAX	MIN	MEAN	DFN*	BELOW 65	ABOVE 45	55		MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	81	55	68	0	0	23	13	OM	94	55	92	55	74	OM	OM	OM	86	59	73	80	62	71	72	63	68
2	73	55	64	-4	1	19	9	OM	90	55	88	54	71	OM	OM	OM	74	58	66	71	61	66	67	61	64
3	80	61	71	3	0	26	16	OM	89	68	88	66	77	OM	OM	OM	78	60	69	75	61	68	69	61	65
4	76	59	68	0	0	23	13	OM	87	59	83	58	71	OM	OM	OM	77	60	69	73	62	68	68	62	65
5	77	54	66	-3	0	21	11	OM	89	54	87	53	70	OM	OM	OM	84	59	72	79	61	70	71	62	67
6	80	65	73	4	0	28	18	OM	95	70	91	69	80	OM	OM	OM	84	62	73	78	62	70	71	62	67
7	87	69	78	9	0	33	23	OM	99	69	97	68	83	OM	OM	OM	89	70	80	83	70	77	75	67	71
8	87	62	75	6	0	30	20	OM	99	63	96	62	79	OM	OM	OM	91	67	79	85	68	77	77	69	73
9	73	44	59	-10	6	14	4	OM	85	44	80	43	62	OM	OM	OM	79	53	66	74	57	66	70	57	64
10	72	44	58	-12	7	13	3	OM	87	43	84	42	63	OM	OM	OM	82	54	68	76	57	67	70	59	65
11	76	47	62	-8	3	17	7	OM	92	47	89	47	68	OM	OM	OM	88	57	73	81	58	70	73	59	66
12	80	53	67	-3	0	22	12	OM	95	52	92	52	72	OM	OM	OM	91	60	76	84	61	73	75	62	69
13	83	61	72	2	0	27	17	OM	97	59	95	59	77	OM	OM	OM	93	64	79	87	64	76	78	64	71
14	85	61	73	2	0	28	18	OM	100	61	99	61	80	OM	OM	OM	97	67	82	89	67	78	80	67	74
15	87	55	71	0	0	26	16	OM	103	55	99	55	77	OM	OM	OM	96	59	78	89	64	77	80	66	73
16	79	52	66	-5	0	21	11	OM	97	52	94	52	73	OM	OM	OM	93	58	76	87	63	75	79	65	72
17	76	48	62	-9	3	17	7	OM	90	47	88	47	68	OM	OM	OM	92	57	75	86	62	74	79	64	72
18	79	49	64	-7	1	19	9	OM	95	48	93	49	71	OM	OM	OM	97	61	79	89	63	76	80	64	72
19	82	55	69	-3	0	24	14	OM	98	54	97	53	75	OM	OM	OM	99	65	82	91	66	79	82	67	75
20	83	53	68	-4	0	23	13	OM	98	53	99	53	76	OM	OM	OM	101	66	84	92	68	80	83	69	76
21	83	64	74	2	0	29	19	OM	97	66	94	66	80	OM	OM	OM	101	70	86	93	69	81	84	70	77
22	79	63	71	-1	0	26	16	OM	93	65	94	64	79	OM	OM	OM	89	68	79	83	69	76	77	69	73
23	81	65	73	0	0	28	18	OM	96	67	91	66	79	OM	OM	OM	88	70	79	82	70	76	76	69	73
24	86	65	76	3	0	31	21	OM	103	67	100	66	83	OM	OM	OM	94	68	81	87	70	79	79	70	75
25	84	65	75	2	0	30	20	OM	100	65	97	64	81	OM	OM	OM	95	70	83	86	70	78	79	70	75
26	85	69	77	4	0	32	22	OM	95	70	97	69	83	OM	OM	OM	95	71	83	87	71	79	79	70	75
27	83	63	73	0	0	28	18	OM	96	64	95	63	79	OM	OM	OM	89	69	79	83	70	77	78	70	74
28	85	65	75	1	0	30	20	OM	95	66	102	66	84	OM	OM	OM	95	71	83	86	71	79	79	70	75
29	82	65	74	0	0	29	19	OM	91	67	91	66	79	OM	OM	OM	89	70	80	82	70	76	77	70	74
30	70	43	57	-17	8	12	2	OM	81	44	80	43	62	OM	OM	OM	80	54	67	76	58	67	73	61	67
31	67	42	55	-19	10	10	0	OM	78	54	77	42	60	OM	OM	OM	78	54	66	74	56	65	69	59	64

TOTAL

39 739 429 0 2904 1803

MEAN 80.0 57.1 68.6 -2.1 1.3 23.8 13.8 .0 93.7 58.2 91.9 57.2 74.5 .0 .0 .0 89.2 62.9 76.0 82.8 64.5 73.7 75.8 65.1 70.4

TEMPERATURE EXTREMES: HIGHEST 87 ON DAYS 7, 8, 15,
 LOWEST 42 ON DAYS 31.

TEMPERATURE: 0 DAYS WITH MAXIMUM 32 DEGREES OR BELOW 0 DAYS WITH MAXIMUM 90 DEGREES OR ABOVE.
 0 DAYS WITH MINIMUM 32 DEGREES OR BELOW 0 DAYS WITH MINIMUM 0 DEGREES OR BELOW.

* DEPARTURE FROM NORMAL.

M = MISSING OR UNOBSERVED DATA.
 DATA FOR 24 HOUR PERIOD ENDING 7AM CST ON INDICATED DAY

AGROCLIMATOLOGICAL DATA - MAY 1984

AUBURN, ALABAMA

DAY	PRECIPITATION		SOIL MOISTURE		OPEN PAN EVAPORATION				HYGROTHERMOGRAPH DATA					VEGETATIVE	
	WATER EQUI- VALENT (IN.)	DRY* DAYS	INDEX (IN.)	PERCENT BY VOL.	WATER MAX	TEMP (DEG F) MIN	MEAN	MILES MOVEMENT	AIR INCHES EVAP.	RELATIVE HUMIDITY (%)					SOURCE
									1 AM	7 AM	1 PM	7 PM	MEAN	HRS	
1	.08	4	.00H	.00M	85	61	73	58	.212	84	59	45	65	63	OH
2	.36	0	.00H	.00M	74	58	66	32	.179	80	74	57	75	72	OH
3	.27	0	.00H	.00M	80	59	70	105	.207	86	92	90	89	89	OH
4	1.40	0	.00H	.00M	76	61	69	73	.000M	92	87	50	76	76	OH
5	.00	1	.00H	.00M	83	61	72	61	.299	94	63	57	76	73	OH
6	.00T	2	.00H	.00M	84	63	74	54	.181	92	83	59	71	76	OH
7	.00T	3	.00H	.00M	90	73	82	78	.249	90	83	60	74	77	OH
8	.06	4	.00H	.00M	91	67	79	81	.246	72	85	82	79	80	OH
9	.40	0	.00H	.00M	76	51	64	56	.000M	89	66	37	65	64	OH
10	.00	1	.00H	.00M	78	53	66	60	.256	68	54	35	64	55	OH
11	.00	2	.00H	.00M	86	55	71	18	.219	86	57	35	60	60	OH
12	.00	3	.00H	.00M	88	60	74	27	.201	81	68	39	65	63	OH
13	.00	4	.00H	.00M	91	63	77	29	.218	73	67	46	66	63	OH
14	.00	5	.00H	.00M	93	67	80	35	.235	84	79	55	77	74	OH
15	.18	6	.00H	.00M	92	59	76	55	.274	63	65	39	38	51	OH
16	.00	7	.00H	.00M	89	53	71	58	.280	55	49	33	55	48	OH
17	.00	8	.00H	.00M	86	51	69	55	.350	48	50	33	61	48	OH
18	.00	9	.00H	.00M	87	59	73	23	.275	66	52	33	58	52	OH
19	.00	10	.00H	.00M	89	62	76	33	.278	75	70	40	65	63	OH
20	.00	11	.00H	.00M	90	64	77	47	.307	83	84	42	55	66	OH
21	.01	12	.00H	.00M	90	65	78	73	.291	81	87	76	90	84	OH
22	1.97	0	.00H	.00M	84	67	76	56	.000M	93	90	56	76	79	OH
23	.00	1	.00H	.00M	87	68	78	51	.209	90	84	52	78	76	OH
24	.00T	2	.00H	.00M	92	68	80	65	.306	73	65	56	68	66	OH
25	.00	3	.00H	.00M	90	69	80	56	.228	75	84	58	83	75	OH
26	.00	4	.00H	.00M	91	70	81	48	.166	89	83	70	77	80	OH
27	.10	5	.00H	.00M	88	69	79	22	.113	88	81	62	82	78	OH
28	.00T	6	.00H	.00M	91	71	81	20	.170	90	86	78	89	86	OH
29	.91	0	.00H	.00M	86	67	77	42	.170	89	85	71	66	78	OH
30	.00	1	.00H	.00M	74	49	62	84	.202	70	56	40	47	53	OH
31	.00	2	.00H	.00M	73	50	62	68	.259	74	59	33	50	54	OH
TOTAL	5.74							1623	6.580						
MEAN			.000		85.6	61.7	73.7	52	.235	80	72	52	69	68	0

NORMAL PRECIPITATION FOR MONTH IS 4.23 INCHES; 24 HOUR MAXIMUM = 1.97 INCHES.

NUMBER OF DAYS WITH PRECIPITATION OF 0.01 OR MORE 11; OF 0.50 OR MORE 3; OF 1.00 OR MORE 2

* NUMBER OF DAYS SINCE LAST OCCURRENCE OF 0.20 INCHES OR MORE OF PRECIPITATION.

T = TRACE OF PRECIPITATION.

M = MISSING OR UNOBSERVED DATA.

VEGETATIVE WETTING DATA FOR 24 HOUR PERIOD ENDING AT NOON CST. RELATIVE HUMIDITY IS AT INDICATED CST HOUR. OTHER DATA FOR 24 HOURS ENDING 7AM CST.

AGROCLIMATOLOGICAL DATA - MAY 1984

AUBURN, ALABAMA

DAY	WIND OBSERVATIONS-14 FOOT LEVEL						SUNSHINE AND RADIATION				BAROMETRIC DATA			OZONE		THUNDERSTORMS		FRONTS	
	6PM TO 6AM		6AM TO 6PM		MAX GUST HR. SPEED	MINS. OF SHINE	PERCENT OF SUNSHINE	LANG- LEYS*	LANG- LEYS*	STATION PRESSURE IN INCHES			MIXING RATIO**		D LIGHT- A NING- Y STROK- S ES	OBSERVED OR REPORTED HAIL HI-WIND	TIME OF PASS OF FRONT	TYPE OF FRONT	
	PREV DIR. DIR. SPEED	AVER SPEED	PREV DIR. DIR. SPEED	AVER SPEED						MAX	MIN	MEAN	MAX	MIN					
1	N	3	NE	4	7:00	17	226	28.0	316	OM	30.20	30.06	30.13						
2	E	3	SW	9	13:00	25	278	34.3	411	OM	30.06	29.78	29.92						
3	SE	5	V	8	14:00	43	96	11.8	200	OM	29.78	29.51	29.64						
4	W	6	W	8	12:00	28	690	85.0	643	OM	29.87	29.62	29.75						
5	E	2	SE	4	8:00	13	485	59.6	473	OM	29.96	29.87	29.91						
6	S	4	SW	8	11:00	23	416	51.0	447	OM	30.00	29.92	29.96						
7	S	4	S	7	13:00	19	469	57.3	504	OM	30.09	29.95	30.02						
8	V	5	NW	7	13:00	25	107	13.1	257	OM	30.07	29.96	30.02						
9	V	1	NW	8	13:00	25	759	92.4	652	OM	30.11	30.02	30.07						
10	V	2	V	3	13:00	12	787	95.7	680	OM	30.14	30.05	30.10						
11	V	1	S	4	11:00	14	786	95.5	672	OM	30.16	30.03	30.11						
12	V	1	SW	5	12:00	14	781	94.7	665	OM	30.17	30.07	30.12						
13	V	1	SW	5	13:00	15	764	92.4	642	OM	30.17	30.07	30.12						
14	V	1	W	5	15:00	30	511	61.7	484	OM	30.12	30.00	30.06						
15	N	4	V	5	4:00	18	762	91.9	631	OM	30.15	30.06	30.11						
16	N	6	NE	7	9:00	21	786	94.6	686	OM	30.20	30.10	30.15						
17	NE	7	V	3	11:00	12	785	94.2	674	OM	30.27	30.06	30.16						
18	V	1	V	4	15:00	15	783	94.0	659	OM	30.28	30.16	30.22						
19	V	1	V	6	12:00	15	770	92.2	654	OM	30.26	30.01	30.13						
20	V	2	V	6	11:00	18	656	78.5	626	OM	30.03	29.90	29.97						
21	S	3	SE	4	14:00	28	92	11.0	240	OM	30.03	29.94	30.00						
22	V	3	SE	5	16:00	16	313	37.3	433	OM	30.13	30.00	30.07						
23	V	2	V	5	14:00	16	378	45.0	514	OM	30.08	29.98	30.03						
24	E	5	V	5	8:00	16	455	54.1	513	OM	30.07	29.97	30.02						
25	V	3	SE	4	11:00	13	327	38.8	427	OM	30.02	29.94	29.98						
26	S	3	V	3	22:00	15	163	19.4	267	OM	30.09	29.99	30.04						
27	V	3	V	3	17:00	12	416	49.3	423	OM	30.09	30.00	30.05						
28	V	1	V	4	15:00	25	199	23.6	319	OM	30.14	30.03	30.08						
29	V	3	NW	7	15:00	27	208	24.6	347	OM	30.15	30.03	30.09						
30	N	5	N	10	9:00	25	729	86.1	615	OM	30.12	30.07	30.10						
31	N	4	N	6	9:00	18	799	94.3	709	OM	30.16	30.04	30.10						
TOTAL							15776		15783	0									
MEAN		3		6		20	509		509	0	30.10	29.97	30.04	.0	.0				

* ONE LANGLEY = ONE GRAM-CALORIE PER SQUARE CENTIMETER.
WIND SPEEDS ARE IN KNOTS (1 KNOT= 1.15 MPH)

** MIXING RATIO IS PARTS PER HUNDRED MILLION.

M = MISSING OR UNOBSERVED DATA.
WIND GUST, SUNSHINE & RADIATION ARE FROM MIDNIGHT-TO-MIDNIGHT ON INDICATED DAY

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 1951-90. RECORDS BEGIN WITH 1906 DATA.
 PAGE 5-4

AGROCLIMATOLOGICAL DATA - JUNE 1984

AUBURN, ALABAMA

DAY	AIR TEMPERATURE DATA								(IN DEGREES FARENHEIT)						SOIL TEMPERATURE DATA										
	150 CM SHELTER TEMPERATURES			DEGREE	DAYS		CHILL HRS	5CM OVER GRASS		5CM OVER FALLOW SOIL			SOIL SURFACE TEMPERATURES			5 CM SOIL TEMPERATURES			10 CM SOIL TEMPERATURES			20 CM SOIL TEMPERATURES			
	MAX	MIN	MEAN	DFN*	BELOW	ABOVE		MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
					65	45	55																		
1	75	50	63	-12	2	18	8	OH	84	47	86	48	67	OH	OH	OH	87	57	72	80	58	69	73	59	66
2	80	52	66	-9	0	21	11	OH	91	51	92	52	72	OH	OH	OH	92	61	77	84	61	73	76	62	69
3	83	55	69	-6	0	24	14	OH	93	55	94	55	75	OH	OH	OH	95	65	80	87	65	76	79	65	72
4	87	59	73	-2	0	28	18	OH	98	59	101	59	80	OH	OH	OH	100	68	84	91	67	79	83	68	76
5	89	58	74	-2	0	29	19	OH	99	59	100	59	80	OH	OH	OH	103	70	87	94	70	82	86	70	78
6	88	62	75	-1	0	30	20	OH	98	61	99	61	80	OH	OH	OH	104	72	88	95	72	84	87	73	80
7	87	66	77	1	0	32	22	OH	97	66	99	66	83	OH	OH	OH	100	74	87	93	74	84	86	74	80
8	90	65	78	2	0	33	23	OH	99	65	104	64	84	OH	OH	OH	105	74	90	97	75	86	89	76	83
9	88	62	75	-1	0	30	20	OH	98	62	105	62	84	OH	OH	OH	106	72	89	99	75	87	91	76	84
10	89	62	76	-1	0	31	21	OH	100	62	107	62	85	OH	OH	OH	103	71	87	96	76	86	90	77	84
11	92	64	78	1	0	33	23	OH	103	64	106	64	85	OH	OH	OH	105	73	89	99	76	88	91	77	84
12	92	67	80	3	0	35	25	OH	103	68	110	68	89	OH	OH	OH	104	74	89	100	78	89	93	79	86
13	91	61	76	-1	0	31	21	OH	104	61	111	62	87	OH	OH	OH	103	73	88	99	77	88	92	79	86
14	90	65	78	1	0	33	23	OH	105	66	110	66	88	OH	OH	OH	104	71	88	98	76	87	91	77	84
15	90	67	79	2	0	34	24	OH	101	69	107	67	87	OH	OH	OH	101	74	88	98	77	88	91	77	84
16	90	64	77	0	0	32	22	OH	102	64	105	64	85	OH	OH	OH	103	72	88	100	78	89	92	79	86
17	92	63	78	0	0	33	23	OH	105	63	110	62	86	OH	OH	OH	103	73	88	100	78	89	93	79	86
18	92	66	79	1	0	34	24	OH	102	67	107	66	87	OH	OH	OH	103	76	90	100	79	90	93	80	87
19	91	67	79	1	0	34	24	OH	105	69	107	68	88	OH	OH	OH	103	76	90	100	80	90	92	81	87
20	96	69	83	5	0	38	28	OH	106	71	110	70	90	OH	OH	OH	104	77	91	101	81	91	94	81	88
21	98	70	84	6	0	39	29	OH	108	71	115	70	93	OH	OH	OH	102	78	90	100	82	91	94	82	88
22	96	68	82	4	0	37	27	OH	104	70	106	69	88	OH	OH	OH	103	78	91	101	82	92	95	83	89
23	90	67	79	0	0	34	24	OH	105	69	109	68	89	OH	OH	OH	101	74	89	99	78	89	92	80	86
24	90	72	81	2	0	36	26	OH	102	75	104	74	89	OH	OH	OH	95	75	85	92	79	86	87	79	83
25	92	70	81	2	0	36	26	OH	103	71	104	71	88	OH	OH	OH	101	73	87	98	77	88	91	79	85
26	91	62	77	-2	0	32	22	OH	103	62	104	62	83	OH	OH	OH	104	69	87	101	74	88	93	78	86
27	91	66	79	0	0	34	24	OH	100	67	105	67	86	OH	OH	OH	104	72	88	100	75	88	93	78	86
28	90	63	77	-2	0	32	22	OH	101	64	104	64	84	OH	OH	OH	102	73	88	100	78	89	93	81	87
29	91	68	80	1	0	35	25	OH	103	69	107	69	88	OH	OH	OH	103	72	88	100	78	89	93	80	87
30	83	65	74	-5	0	29	19	OH	92	66	95	66	81	OH	OH	OH	83	69	76	84	74	79	81	75	78

TOTAL 2 957 657 0 3014 1932
 MEAN 89.5 63.8 76.6 -1.5 .1 31.9 21.9 .0100.5 64.4104.1 64.2 84.1 .0 .0 .0100.9 71.9 86.4 96.2 75.0 85.6 89.1 76.1 82.6

TEMPERATURE EXTREMES: HIGHEST 98 ON DAYS 21,
 LOWEST 50 ON DAYS 1.

TEMPERATURE: 0 DAYS WITH MAXIMUM 32 DEGREES OR BELOW; 20 DAYS WITH MAXIMUM 90 DEGREES OR ABOVE.
 0 DAYS WITH MINIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MINIMUM 0 DEGREES OR BELOW.

* DEPARTURE FROM NORMAL.

M = MISSING OR UNOBSERVED DATA.
 DATA FOR 24 HOUR PERIOD ENDING 7AM CST ON INDICATED DAY

AGROCLIMATOLOGICAL DATA - JUNE 1984

AUBURN, ALABAMA

DAY	PRECIPITATION		SOIL MOISTURE		OPEN PAN EVAPORATION				HYGROTHERMOGRAPH DATA					VEGETATIVE WETTING		
	WATER EQUI- VALENT(IN.)	DRY* DAYS	INDEX (IN.)	PERCENT BY VOL.	WATER MAX	TEMP (DEG F) MIN	MEAN	MILES MOVEMENT	AIR INCHES EVAP.	RELATIVE HUMIDITY (%)					SOURCE	
									1	7	1	7	MEAN	HRS		
1	.00	3	.00M	.00M	82	52	67	43	.294	67	51	34	58	53	3	DEW
2	.00	4	.00M	.00M	89	59	74	26	.284	75	59	40	56	58	4	DEW
3	.00	5	.00M	.00M	91	64	78	36	.285	75	66	40	55	59	4	DEW
4	.00	6	.00M	.00M	95	67	81	27	.277	74	63	42	62	60	3	DEW
5	.00	7	.00M	.00M	98	69	84	0M	.267	75	77	37	63	63	7	DEW
6	.00	8	.00M	.00M	96	70	83	24	.300	82	63	50	73	67	6	DEW
7	.00	9	.00M	.00M	92	72	82	25	.274	76	69	48	68	65	5	DEW
8	.00	10	.00M	.00M	95	72	84	30	.355	76	70	42	62	63	7	DEW
9	.00	11	.00M	.00M	95	71	83	33	.317	75	69	40	65	62	4	DEW
10	.00	12	.00M	.00M	94	71	83	26	.288	76	64	42	63	61	2	DEW
11	.00	13	.00M	.00M	97	73	85	27	.291	80	65	36	59	60	0	
12	.00	14	.00M	.00M	96	72	84	32	.322	73	69	46	63	63	3	DEW
13	.00	15	.00M	.00M	96	69	83	40	.300	82	66	43	76	67	3	DEW
14	.03	16	.00M	.00M	95	71	83	28	.226	75	68	43	54	60	16	RAIN DEW
15	.00	17	.00M	.00M	95	70	83	48	.286	76	71	44	66	64	6	DEW
16	.00T	18	.00M	.00M	95	73	84	49	.272	83	71	41	65	65	11	DEW RAIN
17	.00T	19	.00M	.00M	96	72	84	38	.343	84	65	42	55	62	10	DEW
18	.00	20	.00M	.00M	96	74	85	28	.325	72	70	45	61	62	5	DEW
19	.00	21	.00M	.00M	96	75	86	18	.264	73	62	37	51	56	5	DEW
20	.00	22	.00M	.00M	98	77	88	27	.326	72	57	39	65	58	4	DEW
21	.00	23	.00M	.00M	96	76	86	32	.327	75	61	40	51	57	5	DEW
22	.00	24	.00M	.00M	98	73	86	49	.306	79	70	47	67	66	6	DEW
23	.62	0	.00M	.00M	95	72	84	50	.267	76	77	51	69	68	8	RAIN DEW
24	.00	1	.00M	.00M	94	73	84	34	.193	78	69	48	57	63	8	DEW
25	.00	2	.00M	.00M	98	74	86	50	.415	71	57	33	56	54	0M	
26	.00	3	.00M	.00M	95	65	80	55	.420	57	51	33	53	49	0M	
27	.00	4	.00M	.00M	95	67	81	28	.289	71	62	37	50	55	0M	
28	.00	5	.00M	.00M	95	71	83	31	.308	71	65	40	60	59	9	DEW
29	1.66	0	.00M	.00M	96	72	84	32	.310	80	73	0M	0M	0M	12	RAIN
30	.56	0	.00M	.00M	84	70	77	26	.162	0M	0M	0M	0M	0M	17	RAIN
TOTAL	2.87							992	8.893							
MEAN			.000		94.4	70.2	82.3	34	.296	75	66	41	61	61	6	

NORMAL PRECIPITATION FOR MONTH IS 3.85 INCHES; 24 HOUR MAXIMUM = 1.66 INCHES.

NUMBER OF DAYS WITH PRECIPITATION OF 0.01 OR MORE 41 OF 0.50 OR MORE 31 OF 1.00 OR MORE 1

* NUMBER OF DAYS SINCE LAST OCCURRENCE OF 0.20 INCHES OR MORE OF PRECIPITATION.

T = TRACE OF PRECIPITATION.

M = MISSING OR UNOBSERVED DATA.

VEGETATIVE WETTING DATA FOR 24 HOUR PERIOD ENDING AT NOON CST. RELATIVE HUMIDITY IS AT INDICATED CST HOUR.
OTHER DATA FOR 24 HOURS ENDING 7AM CST.

AGROCLIMATOLOGICAL DATA - JUNE 1984

AUBURN, ALABAMA

DAY	WIND OBSERVATIONS-14 FOOT LEVEL				SUNSHINE AND RADIATION				BAROMETRIC DATA			OZONE		THUNDERSTORMS		FRONTS		
	6PM TO 6AM		6AM TO 6PM		MAX GUST HR. SPEED	MINS. OF SUN- SHINE	PERCENT OF POSSIBLE SUNSHINE	LANG- LEYS*	LANG- LEYS*	STATION PRESSURE IN INCHES			MIXING RATIO**		D LIGHT- A NING Y STROK- S ES	OBSERVED OR REPORTED HAIL HI-WIND	TIME OF PASS -AGE	TYPE OF FRONT
	PREV DIR.	AVER SPEED	PREV DIR.	AVER SPEED						MAX	MIN	MEAN	MAX	MIN				
1	N	2	W	4	10:00	13	804	94.7	692	OM	30.17	30.05	30.11					
2	V	1	V	5	10:00	14	798	93.9	677	OM	30.14	30.02	30.08					
3	V	1	W	4	10:00	14	798	93.8	674	OM	30.06	29.97	30.02					
4	V	1	W	3	13:00	12	795	93.4	660	OM	30.04	29.97	30.00					
5	V	1	SW	4	14:00	15	785	92.0	675	OM	30.13	30.03	30.08					
6	V	0	SW	3	14:00	14	543	63.7	532	OM	30.18	30.10	30.14					
7	V	1	S	3	15:00	10	652	76.3	589	OM	30.22	30.12	30.17					
8	V	2	SE	4	12:00	12	742	86.9	658	OM	30.19	30.10	30.15					
9	V	2	S	3	11:00	10	639	74.7	573	OM	30.17	30.06	30.11					
10	V	2	V	3	9:00	10	642	75.1	602	OM	30.16	30.07	30.12					
11	V	1	SE	3	12:00	11	693	81.0	617	OM	30.15	30.06	30.11					
12	E	2	E	4	19:00	17	711	83.1	600	OM	30.15	30.06	30.11					
13	V	2	V	3	17:00	17	572	66.8	548	OM	30.19	30.05	30.12					
14	V	2	NE	5	11:00	14	635	74.1	572	OM	30.10	29.98	30.04					
15	SE	3	SE	5	13:00	15	706	82.4	622	OM	30.15	30.05	30.10					
16	V	1	SE	4	19:00	21	609	71.1	593	OM	30.20	30.10	30.15					
17	V	1	V	3	14:00	11	702	81.8	599	OM	30.20	30.05	30.13					
18	V	1	V	2	12:00	10	502	58.5	495	OM	30.11	30.00	30.05					
19	V	1	V	4	9:00	12	646	75.3	567	OM	30.08	30.00	30.04					
20	V	1	NW	4	16:00	13	595	69.3	527	OM	30.17	29.97	30.07					
21	V	2	W	5	16:00	18	490	57.2	518	OM	30.03	29.91	29.97					
22	V	3	NE	4	17:00	21	241	28.1	469	OM	29.99	29.91	29.95					
23	V	3	V	3	2:00	16	OM	.OM	449	OM	29.99	29.91	29.95					
24	V	1	NW	5	16:00	17	OM	.OM	592	OM	29.97	29.89	29.93					
25	N	4	NW	7	15:00	16	OM	.OM	674	OM	29.96	29.90	29.93					
26	N	5	V	4	7:00	13	736	85.8	652	OM	29.95	29.85	29.90					
27	V	1	SW	5	15:00	15	582	67.8	591	OM	29.93	29.84	29.88					
28	V	0	SW	3	22:00	19	354	41.3	518	OM	29.98	29.89	29.94					
29	V	1	SW	3	10:00	21	176	20.5	243	OM	29.95	29.84	29.89					
30	W	2	W	4	12:00	13	323	37.7	445	OM	29.91	29.86	29.88					
TOTAL							16471		17213	0								
MEAN		2		4		14	610		574	0	30.09	29.99	30.04	.0	.0			

* ONE LANGLEY = ONE GRAM-CALORIE PER SQUARE CENTIMETER.
WIND SPEEDS ARE IN KNOTS (1 KNOT= 1.15 MPH)

** MIXING RATIO IS PARTS PER HUNDRED MILLION.

M = MISSING OR UNOBSERVED DATA.
WIND GUST, SUNSHINE & RADIATION ARE FROM MIDNIGHT-TO-MIDNIGHT ON INDICATED DAY

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	99	1943	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	55	1955
14	89	65	77	101	1963	56	1960
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	59	1944
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	1973	55	1923

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

AGROCLIMATOLOGICAL DATA - JULY 1984

AUBURN, ALABAMA

DAY	AIR TEMPERATURE DATA								(IN DEGREES FARENHEIT)												SOIL TEMPERATURE DATA							
	150 CM SHELTER TEMPERATURES				DEGREE DAYS			CHILL HRS	5CM OVER GRASS		5CM OVER FALLOW SOIL			SOIL SURFACE TEMPERATURES			5 CM SOIL TEMPERATURES			10 CM SOIL TEMPERATURES			20 CM SOIL TEMPERATURES					
	MAX	MIN	MEAN	DFN*	BELOW 65	ABOVE 45	55		MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			
1	85	64	75	-4	0	30	20	OM	93	66	96	65	81	OM	OM	OM	86	68	77	85	73	79	82	74	78			
2	81	64	73	-6	0	29	18	OM	94	66	97	66	82	OM	OM	OM	84	68	76	83	72	78	79	73	76			
3	87	67	77	-2	0	32	22	OM	96	68	98	67	83	OM	OM	OM	90	69	80	87	73	80	82	73	78			
4	90	66	78	-1	0	33	23	OM	100	68	104	67	86	OM	OM	OM	93	69	81	89	74	82	83	75	79			
5	88	68	78	-1	0	33	23	OM	101	70	105	69	87	OM	OM	OM	91	70	81	89	74	82	84	75	80			
6	89	65	77	-2	0	32	22	OM	100	67	103	67	85	OM	OM	OM	93	69	81	90	74	82	85	74	80			
7	88	66	77	-2	0	32	22	OM	99	67	102	67	85	OM	OM	OM	91	70	81	88	74	81	83	74	79			
8	92	68	80	1	0	35	25	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM			
9	90	71	81	2	0	36	26	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM	OM			
10	93	69	81	2	0	36	26	OM	101	70	104	70	87	OM	OM	OM	109	83	96	96	77	87	89	77	83			
11	94	69	82	3	0	37	27	OM	102	71	109	70	90	OM	OM	OM	111	84	98	99	79	89	91	79	85			
12	93	69	81	2	0	36	26	OM	103	70	107	70	89	OM	OM	OM	111	84	98	99	79	89	93	80	87			
13	92	68	80	0	0	35	25	OM	102	70	104	70	87	OM	OM	OM	106	81	94	94	76	85	88	77	83			
14	90	68	79	-1	0	34	24	OM	99	71	101	70	86	OM	OM	OM	104	82	93	92	76	84	86	77	82			
15	88	67	78	-2	0	33	23	OM	96	69	96	68	82	OM	OM	OM	101	81	91	90	76	83	85	77	81			
16	89	68	79	-1	0	34	24	OM	101	70	103	69	86	OM	OM	OM	108	78	93	94	75	85	87	77	82			
17	88	68	78	-2	0	33	23	OM	95	70	98	69	84	OM	OM	OM	101	77	89	92	75	84	86	76	81			
18	87	71	79	-1	0	34	24	OM	100	72	102	71	87	OM	OM	OM	103	80	92	93	76	85	86	76	81			
19	87	67	77	-3	0	32	22	OM	97	67	100	67	84	OM	OM	OM	96	77	87	88	74	81	83	75	79			
20	86	67	77	-3	0	32	22	OM	95	69	101	68	85	OM	OM	OM	100	77	89	90	74	82	84	75	80			
21	83	68	76	-4	0	31	21	OM	91	70	96	69	83	OM	OM	OM	95	79	87	86	75	81	82	75	79			
22	86	68	77	-3	0	32	22	OM	97	69	100	68	84	OM	OM	OM	100	78	89	89	74	82	84	75	80			
23	90	64	77	-3	0	32	22	OM	98	65	103	65	84	OM	OM	OM	105	74	90	94	72	83	87	75	81			
24	85	69	77	-3	0	32	22	OM	94	70	100	69	85	OM	OM	OM	100	78	89	90	73	82	84	74	79			
25	89	66	78	-2	0	33	23	OM	97	67	105	67	86	OM	OM	OM	106	79	93	95	75	85	88	76	82			
26	92	71	82	2	0	37	27	OM	101	73	104	72	88	OM	OM	OM	107	82	95	97	77	87	90	77	84			
27	88	68	78	-2	0	33	23	OM	100	68	103	68	86	OM	OM	OM	100	79	90	92	76	84	86	77	82			
28	89	66	78	-2	0	33	23	OM	97	67	101	67	84	OM	OM	OM	107	76	92	95	74	85	88	76	82			
29	82	67	75	-5	0	30	20	OM	94	70	96	69	83	OM	OM	OM	90	76	83	83	73	78	79	74	77			
30	73	64	69	-11	0	24	14	OM	77	66	77	65	71	OM	OM	OM	80	72	76	76	69	73	75	70	73			
31	75	65	70	-10	0	25	15	OM	80	67	81	66	74	OM	OM	OM	84	73	79	77	70	74	74	70	72			

TOTAL 0 1009 699 0 2800 1993
 MEAN 87.4 67.3 77.3 -2.3 .0 32.5 22.5 .0 96.6 68.7 99.9 68.1 84.0 .0 .0 .0 98.3 76.3 87.3 90.1 74.4 82.3 84.6 75.3 79.9

TEMPERATURE EXTREMES: HIGHEST 94 ON DAYS 11,
 LOWEST 64 ON DAYS 1, 2, 23, 30,

TEMPERATURE: 0 DAYS WITH MAXIMUM 32 DEGREES OR BELOW; 10 DAYS WITH MAXIMUM 90 DEGREES OR ABOVE.
 0 DAYS WITH MINIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MINIMUM 0 DEGREES OR BELOW.

* DEPARTURE FROM NORMAL.

M = MISSING OR UNOBSERVED DATA.
 DATA FOR 24 HOUR PERIOD ENDING 7AM CST ON INDICATED DAY

AGROCLIMATOLOGICAL DATA - JULY 1984

AUBURN, ALABAMA

DAY	PRECIPITATION		SOIL MOISTURE		OPEN PAN EVAPORATION				HYGROTHERMOGRAPH DATA						VEGETATIVE WETTING	
	WATER EQUI-VALENT (IN.)	DRY* DAYS	INDEX (IN.)	PERCENT BY VOL.	WATER MAX	TEMP (DEG F) MIN	MILES MEAN	AIR MOVEMENT	INCHES EVAP.	RELATIVE HUMIDITY (%)						SOURCE
									1 AM	7 AM	1 PM	7 PM	MEAN	HRS		
1	.00	1	.00M	.00M	91	71	81	25	.173	OM	OM	OM	OM	OM	13	DEW FOG
2	.14	2	.00M	.00M	87	70	79	27	.189	OM	OM	OM	OM	OM	14	RAIN
3	.00	3	.00M	.00M	94	71	83	24	.240	OM	OM	55	72	OM	12	DEW FOG
4	.00	4	.00M	.00M	96	74	85	26	.238	93	94	62	70	80	10	DEW
5	.00	5	.00M	.00M	94	74	84	42	.261	82	85	50	92	77	4	DEW
6	1.08	0	.00M	.00M	94	70	82	46	.261	96	91	59	80	82	14	RAIN
7	.00	1	.00M	.00M	95	71	83	26	.230	92	84	58	OM	OM	7	DEW FOG
8	.00	2	.00M	.00M	OM	OM	OM	OM	.305	OM	OM	OM	OM	OM	OM	
9	.00	3	.00M	.00M	OM	OM	OM	OM	.280	OM	OM	50	66	OM	OM	
10	.00	4	.00M	.00M	101	77	89	23	.290	90	79	48	78	74	6	DEW
11	.00T	5	.00M	.00M	102	77	90	18	.259	95	80	48	65	72	7	DEW RAIN
12	.00	6	.00M	.00M	100	76	88	27	.282	86	85	84	100	89	2	DEW
13	.44	0	.00M	.00M	95	72	84	26	.188	100	100	61	76	84	17	RAIN
14	.14	1	.00M	.00M	98	73	86	27	.214	100	93	65	80	85	11	RAIN
15	.00	2	.00M	.00M	96	75	86	15	.178	93	90	58	86	82	9	DEW
16	.00T	3	.00M	.00M	99	72	86	21	.183	100	100	69	95	91	11	DEW FOG
17	.10	4	.00M	.00M	95	72	84	27	.164	98	96	58	87	85	16	DEW RAIN
18	.41	0	.00M	.00M	96	73	85	49	.194	97	95	69	79	85	5	RAIN
19	.31	0	.00M	.00M	94	72	83	26	.245	100	69	62	76	77	9	DEW FOG RAIN
20	.00T	1	.00M	.00M	95	72	84	42	.256	97	93	68	80	85	8	DEW
21	.00	2	.00M	.00M	89	73	81	49	.226	94	88	65	80	82	3	DEW
22	.00	3	.00M	.00M	91	74	83	30	.236	95	82	48	82	77	7	DEW
23	.20	4	.00M	.00M	95	67	81	54	.296	98	90	62	75	81	12	RAIN
24	.00T	5	.00M	.00M	92	69	81	47	.229	92	89	56	83	80	7	RAIN DEW
25	.00	6	.00M	.00M	95	74	85	31	.268	93	85	50	69	74	8	DEW
26	.00	7	.00M	.00M	96	76	86	19	.262	90	80	80	87	84	0	
27	.00	8	.00M	.00M	90	73	82	21	.158	85	88	53	95	80	12	DEW
28	.26	0	.00M	.00M	94	71	83	27	.251	100	100	76	98	94	17	DEW RAIN
29	.26	0	.00M	.00M	83	71	77	17	.068	100	98	92	95	96	21	RAIN
30	.30	0	.00M	.00M	75	67	71	52	.006	100	98	90	97	96	20	RAIN
31	1.12	0	.00M	.00M	78	67	73	67	.019	98	100	85	97	95	20	RAIN
TOTAL	4.76							931	6.649							
MEAN			.000		93.1	72.2	82.7	32	.214	95	90	64	83	83	10	

NORMAL PRECIPITATION FOR MONTH IS 5.74 INCHES; 24 HOUR MAXIMUM = 1.12 INCHES.

NUMBER OF DAYS WITH PRECIPITATION OF 0.01 OR MORE 12; OF 0.50 OR MORE 2; OF 1.00 OR MORE 2

* NUMBER OF DAYS SINCE LAST OCCURRENCE OF 0.20 INCHES OR MORE OF PRECIPITATION.

T = TRACE OF PRECIPITATION.

M = MISSING OR UNOBSERVED DATA.

VEGETATIVE WETTING DATA FOR 24 HOUR PERIOD ENDING AT NOON CST. RELATIVE HUMIDITY IS AT INDICATED CST HOUR. OTHER DATA FOR 24 HOURS ENDING 7AM CST.

AGROCLIMATOLOGICAL DATA - JULY 1984

AUBURN, ALABAMA

DAY	WIND OBSERVATIONS-14 FOOT LEVEL				SUNSHINE AND RADIATION				BAROMETRIC DATA			OZONE		THUNDERSTORMS		FRONTS		
	6PM TO 6AM		6AM TO 6PM		MAX GUST HR. SPEED	MINS. OF SUN- SHINE	PERCENT OF POSSIBLE SUNSHINE	LANG- LEYS* RAD.	LANG- LEYS* RAD.	STATION PRESSURE IN INCHES			MIXING RATIO**		D LIGHT- A NING- Y STROK- S ES	OBSERVED OR REPORTED HAIL HI-WIND	TIME OF PASS -AGE	TYPE OF FRONT
	PREV DIR.	AVER SPEED	PREV DIR.	AVER SPEED						MAX	MIN	MEAN	MAX	MIN				
1	V	1	S	4	17:00	19	167	19.5	311	OM	30.03	29.91	29.97					
2	V	1	SW	4	15:00	12	474	55.4	527	OM	30.10	30.01	30.05					
3	V	1	SW	3	15:00	11	365	42.7	476	OM	30.09	29.98	30.03					
4	S	2	SW	4	13:00	14	397	46.5	475	OM	30.08	29.97	30.02					
5	SW	2	SW	5	19:00	35	457	53.6	493	OM	30.02	29.91	29.97					
6	V	3	SW	4	18:00	17	565	66.2	528	OM	30.04	29.94	29.97					
7	V	1	V	3	01:00M	OM	OM	.OM	OM	OM	30.15	29.98	30.06					
8	M	OM	M	OM	01:00M	OM	OM	.OM	OM	OM	30.10	30.02	30.06					
9	M	OM	NW	3	14:00	12	759	89.2	OM	OM	30.12	30.03	30.08					
10	V	2	NW	3	16:00	12	573	67.4	571	OM	30.12	30.01	30.06					
11	V	1	NW	4	12:00	13	538	63.4	581	OM	30.05	29.90	29.97					
12	V	2	V	3	16:00	27	318	37.5	323	OM	30.01	29.92	29.97					
13	SW	2	SW	4	16:00	27	366	43.2	490	OM	30.12	30.01	30.06					
14	V	2	SW	3	10:00	11	470	55.5	460	OM	30.18	30.10	30.14					
15	V	1	SW	3	17:00	15	423	50.0	446	OM	30.17	30.06	30.11					
16	V	2	SW	4	12:00	12	201	23.8	396	OM	30.09	29.94	30.02					
17	V	2	SW	5	15:00	17	322	38.2	466	OM	29.98	29.87	29.92					
18	S	4	NW	4	15:00	15	300	35.6	438	OM	30.00	29.89	29.94					
19	V	2	NE	4	8:00	14	475	56.4	544	OM	30.06	30.00	30.03					
20	E	3	NE	5	2:00	14	265	31.5	392	OM	30.07	30.01	30.04					
21	E	3	NE	4	13:00	14	343	40.9	392	OM	30.07	29.99	30.03					
22	N	3	NE	4	19:00	21	498	59.4	516	OM	30.06	29.95	30.00					
23	NE	5	SE	6	10:00	16	575	68.7	520	OM	30.13	30.02	30.08					
24	E	3	SE	5	9:00	13	583	69.8	543	OM	30.17	30.09	30.13					
25	V	1	SW	3	15:00	11	602	72.2	539	OM	30.17	30.07	30.12					
26	V	1	V	4	11:00	13	366	43.9	305	OM	30.13	30.03	30.08					
27	V	2	SW	5	14:00	23	482	58.0	449	OM	30.07	29.97	30.02					
28	V	1	V	3	15:00	16	32	3.9	195	OM	30.11	30.02	30.07					
29	SE	2	SE	4	15:00	18	0	.0	113	OM	30.10	30.03	30.07					
30	E	4	H	6	18:00	18	31	3.7	191	OM	30.08	30.02	30.05					
31	E	4	V	3	16:00	12	124	15.0	259	OM	30.06	30.00	30.03					
TOTAL							11071	11939	0									
MEAN		2		4		16	382	426	0	30.09	29.99	30.04	.0	.0				

* ONE LANGLEY = ONE GRAM-CALORIE PER SQUARE CENTIMETER.
WIND SPEEDS ARE IN KNOTS (1 KNOT= 1.15 MPH)

** MIXING RATIO IS PARTS PER HUNDRED MILLION.

M = MISSING OR UNOBSERVED DATA.

WIND GUST, SUNSHINE & RADIATION ARE FROM MIDNIGHT-TO-MIDNIGHT ON INDICATED DAY

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.

AGROCLIMATOLOGICAL DATA - AUGUST 1984

AUBURN, ALABAMA

DAY	AIR TEMPERATURE DATA											(IN DEGREES FARENHEIT)												SOIL TEMPERATURE DATA								
	150 CM SHELTER TEMPERATURES				DEGREE DAYS			CHILL HRS	5CM OVER GRASS		5CM OVER FALLOW SOIL			SOIL SURFACE TEMPERATURES			5 CM SOIL TEMPERATURES			10 CM SOIL TEMPERATURES			20 CM SOIL TEMPERATURES									
	MAX	MIN	MEAN	DFN*	BELOW		55		MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN							
					65	45																										
1	80	68	74	-6	0	29	19	OM	90	70	92	69	81	OM	OM	OM	88	75	82	81	71	76	76	70	73							
2	77	68	73	-7	0	28	18	OM	80	70	81	70	76	OM	0	OM	83	75	79	77	72	75	75	71	73							
3	81	67	74	-6	0	29	19	OM	86	68	86	67	77	OM	OM	OM	88	74	81	80	71	76	76	71	74							
4	86	68	77	-3	0	32	22	OM	96	68	100	68	84	OM	OM	OM	94	75	85	85	72	79	79	71	75							
5	89	67	78	-2	0	33	23	OM	96	68	100	67	84	OM	OM	OM	97	76	87	88	73	81	82	73	78							
6	89	70	80	0	0	35	25	OM	99	72	103	72	88	OM	OM	OM	101	78	90	90	74	82	83	74	79							
7	90	66	78	-2	0	33	23	OM	102	67	105	66	86	OM	OM	OM	103	78	91	93	74	84	85	75	80							
8	88	67	78	-2	0	33	23	OM	102	68	103	68	86	OM	OM	OM	102	77	90	92	74	83	85	75	80							
9	87	67	77	-3	0	32	22	OM	102	68	105	68	87	OM	OM	OM	103	78	91	93	75	84	86	76	81							
10	90	66	78	-2	0	33	23	OM	105	68	109	68	89	OM	OM	OM	105	79	92	96	75	86	88	76	82							
11	90	66	78	-2	0	33	23	OM	105	67	109	67	89	OM	OM	OM	107	77	92	96	75	86	89	76	83							
12	84	69	77	-3	0	32	22	OM	99	71	101	71	86	OM	OM	OM	92	78	85	84	75	80	80	75	78							
13	86	67	77	-3	0	32	22	OM	103	70	102	70	86	OM	OM	OM	94	77	86	85	74	80	80	74	77							
14	86	64	75	-5	0	30	20	OM	98	65	100	65	83	OM	OM	OM	98	75	87	89	72	81	83	74	79							
15	88	66	77	-3	0	32	22	OM	105	68	106	67	87	OM	OM	OM	103	77	90	92	73	83	85	74	80							
16	88	68	78	-2	0	33	23	OM	104	69	110	69	90	OM	OM	OM	107	79	93	96	75	86	88	76	82							
17	91	70	81	1	0	36	26	OM	107	71	111	71	91	OM	OM	OM	107	81	94	96	77	87	89	77	83							
18	90	70	80	0	0	35	25	OM	106	71	109	71	90	OM	OM	OM	108	80	94	97	77	87	91	78	85							
19	90	68	79	0	0	34	24	OM	106	69	111	68	90	OM	OM	OM	107	79	93	98	77	88	91	79	85							
20	91	68	80	1	0	35	25	OM	107	69	109	69	89	OM	OM	OM	105	78	92	96	75	86	89	77	83							
21	89	66	78	-1	0	33	23	OM	104	67	107	67	87	OM	OM	OM	105	79	92	96	76	86	89	77	83							
22	88	66	77	-2	0	32	22	OM	106	67	109	66	88	OM	OM	OM	105	79	92	96	76	86	89	78	84							
23	89	68	79	0	0	34	24	OM	105	69	110	69	90	OM	OM	OM	108	80	94	98	76	87	90	76	83							
24	87	65	76	-3	0	31	21	OM	104	64	109	63	86	OM	OM	OM	97	73	85	89	71	80	89	71	80							
25	89	63	76	-3	0	31	21	OM	104	63	109	63	86	OM	OM	OM	108	76	92	97	71	84	89	74	82							
26	90	67	79	0	0	34	24	OM	107	69	111	68	90	OM	OM	OM	108	79	94	96	74	85	89	76	83							
27	87	66	77	-2	0	32	22	OM	103	66	108	66	87	OM	OM	OM	106	80	93	96	77	87	89	79	84							
28	88	63	76	-3	0	31	21	OM	105	64	110	65	88	OM	OM	OM	104	76	90	94	74	84	87	75	81							
29	86	68	77	-2	0	32	22	OM	101	69	100	69	85	OM	OM	OM	97	78	88	88	74	81	83	75	79							
30	83	65	74	-4	0	29	19	OM	97	66	99	65	82	OM	OM	OM	94	75	85	85	72	79	81	73	77							
31	87	67	77	-1	0	32	22	OM	101	67	104	68	86	OM	OM	OM	99	77	88	89	72	81	83	73	78							

TOTAL 0 1000 690 0 3135 2108

MEAN 87.2 66.9 77.1 -2.1 .0 32.3 22.3 .0101.1 68.0104.1 67.7 85.9 .0 .0 .0100.7 77.4 89.0 91.2 74.0 82.6 85.1 74.8 80.0

TEMPERATURE EXTREMES: HIGHEST 91 ON DAYS 17, 20,
 LOWEST 63 ON DAYS 25, 28,

TEMPERATURE: 0 DAYS WITH MAXIMUM 32 DEGREES OR BELOW; 8 DAYS WITH MAXIMUM 90 DEGREES OR ABOVE.
 0 DAYS WITH MINIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MINIMUM 0 DEGREES OR BELOW.

* DEPARTURE FROM NORMAL.

M = MISSING OR UNOBSERVED DATA.
 DATA FOR 24 HOUR PERIOD ENDING 7AM CST ON INDICATED DAY

AGROCLIMATOLOGICAL DATA - AUGUST 1984

AUBURN, ALABAMA

DAY	PRECIPITATION		SOIL MOISTURE		OPEN PAN EVAPORATION			HYGROTHERMOGRAPH DATA					VEGETATIVE WETTING			
	WATER EQUI-VALENT (IN.)	DRY* DAYS	INDEX (IN.)	PERCENT BY VOL.	WATER TEMP (DEG F) MAX	MIN	MEAN	AIR MOVEMENT	INCHES EVAP.	1 AM	7 AM	1 PM	7 PM	MEAN HRS	SOURCE	
1	1.07	0	.00M	.00M	83	69	76	39	.050	95	95	96	98	96	24	RAIN
2	.82	0	.00M	.00M	79	71	75	41	.048	98	100	90	96	96	22	RAIN
3	.11	1	.00M	.00M	82	71	77	34	.066	100	100	62	91	88	20	RAIN DEW FOG
4	.32	0	.00M	.00M	91	72	82	17	.203	99	85	63	88	84	15	DEW RAIN
5	.00	1	.00M	.00M	96	74	85	24	.204	97	83	61	88	82	9	DEW
6	.00	2	.00M	.00M	98	74	86	19	.222	100	98	58	74	83	12	DEW FOG
7	.00	3	.00M	.00M	98	74	86	27	.276	95	83	62	85	81	8	DEW
8	.00T	4	.00M	.00M	96	73	85	34	.239	97	100	58	83	85	10	DEW FOG
9	.00	5	.00M	.00M	96	73	85	36	.245	98	95	54	82	82	10	DEW
10	.00	6	.00M	.00M	98	73	86	32	.250	98	85	53	97	83	10	DEW
11	.37	0	.00M	.00M	97	72	85	38	.289	98	98	96	90	96	15	RAIN
12	.07	1	.00M	.00M	86	73	80	24	.103	100	98	65	94	89	15	DEW FOG RAIN
13	.04	2	.00M	.00M	90	73	82	15	.085	96	97	66	97	89	16	RAIN FOG
14	.07	3	.00M	.00M	94	71	83	24	.171	100	100	58	89	87	15	RAIN
15	.00	4	.00M	.00M	97	71	84	18	.186	100	90	57	82	82	10	DEW
16	.00	5	.00M	.00M	98	74	86	31	.236	97	85	55	82	80	11	DEW
17	.00	6	.00M	.00M	97	74	86	32	.231	95	84	53	77	77	10	DEW
18	.00	7	.00M	.00M	96	76	86	25	.257	92	87	50	80	77	6	DEW
19	.00	8	.00M	.00M	95	74	85	28	.249	90	84	48	85	77	9	DEW FOG
20	.13	9	.00M	.00M	94	73	84	23	.241	98	87	56	82	81	13	DEW RAIN
21	.00	10	.00M	.00M	95	74	85	26	.246	96	91	52	81	80	8	DEW
22	.00	11	.00M	.00M	94	72	83	32	.225	92	88	50	93	81	11	DEW
23	.03	12	.00M	.00M	96	73	85	20	.184	94	97	66	67	81	18	RAIN
24	.09	13	.00M	.00M	91	66	79	31	.226	74	65	36	69	61	8	DEW RAIN
25	.00	14	.00M	.00M	93	67	80	27	.276	73	64	45	73	64	1	DEW
26	.00	15	.00M	.00M	95	68	82	30	.221	93	96	60	85	84	7	DEW
27	.00	16	.00M	.00M	93	72	83	31	.179	97	95	59	96	87	9	DEW
28	.74	0	.00M	.00M	91	70	81	33	.242	100	100	55	83	85	17	RAIN
29	.00T	1	.00M	.00M	92	70	81	28	.191	88	93	66	92	85	14	DEW RAIN
30	.01	2	.00M	.00M	89	71	80	14	.097	100	94	69	91	89	13	DEW RAIN
31	.00	3	.00M	.00M	93	71	82	34	.197	98	95	50	72	79	13	DEW
TOTAL	3.87							867	6.135							
MEAN			.000		93.0	71.9	82.5	28	.198	95	91	60	85	83	12	

NORMAL PRECIPITATION FOR MONTH IS 3.59 INCHES; 24 HOUR MAXIMUM = 1.07 INCHES.

NUMBER OF DAYS WITH PRECIPITATION OF 0.01 OR MORE 13; OF 0.50 OR MORE 3; OF 1.00 OR MORE 1

* NUMBER OF DAYS SINCE LAST OCCURRENCE OF 0.20 INCHES OR MORE OF PRECIPITATION.

T = TRACE OF PRECIPITATION.

M = MISSING OR UNOBSERVED DATA.

VEGETATIVE WETTING DATA FOR 24 HOUR PERIOD ENDING AT NOON CST. RELATIVE HUMIDITY IS AT INDICATED CST HOUR. OTHER DATA FOR 24 HOURS ENDING 7AM CST.

AGROCLIMATOLOGICAL DATA - AUGUST 1984

AUBURN, ALABAMA

DAY	WIND OBSERVATIONS-14 FOOT LEVEL				SUNSHINE AND RADIATION				BAROMETRIC DATA			OZONE		THUNDERSTORMS		FRONTS	
	6PM TO 6AM		6AM TO 6PM		MINS. OF SUNSHINE	PERCENT OF POSSIBLE SUNSHINE	LANG-LEYS* SOLAR RAD.	LANG-LEYS* NET RAD.	STATION PRESSURE IN INCHES			MIXING RATIO**		D LIGHTNING STROKES	OBSERVED OR REPORTED HAIL HI-WIND	TIME OF PASSAGE OF FRONT	
	PREV DIR.	AVER SPEED	PREV DIR.	AVER SPEED					MAX	MIN	MEAN	MAX	MIN				
1	E	3	NE	4	23:00	12	3	.4	143	0M	30.15	30.06	30.11				
2	E	4	SE	4	12:00	18	72	8.8	194	0M	30.21	30.10	30.16				
3	SE	2	S	3	15:00	18	382	46.5	406	0M	30.20	30.11	30.16				
4	V	1	S	4	13:00	12	438	53.4	467	0M	30.16	30.09	30.13				
5	V	2	SW	3	12:00	11	524	64.1	528	0M	30.17	30.09	30.13				
6	V	1	W	4	13:00	12	611	74.8	549	0M	30.17	30.07	30.12				
7	V	1	W	5	16:00	15	681	83.6	580	0M	30.12	29.98	30.05				
8	H	1	W	6	16:00	18	531	65.3	534	0M	30.05	29.97	30.01				
9	H	1	W	5	11:00	17	634	78.1	536	0M	30.06	30.00	30.03				
10	H	2	NW	6	18:00	23	592	73.1	546	0M	30.07	29.96	30.02				
11	V	1	SW	4	12:00	27	242	30.0	306	0M	29.99	29.90	29.94				
12	SW	2	V	3	14:00	12	40	5.0	232	0M	30.00	29.91	29.96				
13	V	1	SW	3	18:00	19	226	28.1	409	0M	30.05	29.97	30.01				
14	V	1	SW	3	14:00	11	471	58.7	486	0M	30.12	30.03	30.08				
15	V	0	SW	4	14:00	14	727	90.6	563	0M	30.14	30.06	30.10				
16	V	0	W	4	14:00	13	630	78.7	517	0M	30.12	30.00	30.06				
17	V	2	NW	3	12:00	13	478	59.9	495	0M	30.00	29.89	29.94				
18	N	2	NW	4	14:00	13	246	30.9	486	0M	29.90	29.82	29.86				
19	N	2	V	4	15:00	27	66	8.3	419	0M	29.87	29.80	29.83				
20	N	2	NW	5	13:00	14	309	38.9	515	0M	29.97	29.84	29.91				
21	V	2	E	5	13:00	13	500	63.1	466	0M	30.13	29.97	30.05				
22	E	2	SE	3	17:00	16	409	51.8	473	0M	30.18	30.00	30.09				
23	SW	1	NW	5	16:00	16	392	49.7	387	0M	30.00	29.88	29.94				
24	N	4	NW	5	14:00	15	711	90.5	566	0M	30.03	29.92	29.97				
25	N	3	E	3	19:00	13	569	72.6	489	0M	30.14	30.02	30.08				
26	E	3	SE	5	7:00	12	258	33.0	388	0M	30.20	30.10	30.15				
27	V	1	SE	5	13:00	15	252	32.3	365	0M	30.14	30.06	30.10				
28	V	1	SW	4	11:00	17	435	55.9	462	0M	30.13	30.03	30.08				
29	V	1	S	3	18:00	13	65	8.4	241	0M	30.12	30.02	30.07				
30	V	1	W	5	11:00	15	558	72.0	456	0M	30.08	29.98	30.03				
31	V	1	NW	5	15:00	14	684	88.5	521	0M	30.07	29.99	30.03				
TOTAL							12736		13725	0							
MEAN		2		4		15	411		443	0	30.09	29.99	30.04	.0	.0		

* ONE LANGLEY = ONE GRAM-CALORIE PER SQUARE CENTIMETER.

WIND SPEEDS ARE IN KNOTS (1 KNOT= 1.15 MPH)

** MIXING RATIO IS PARTS PER HUNDRED MILLION.

H = MISSING OR UNOBSERVED DATA.

WIND GUST, SUNSHINE & RADIATION ARE FROM MIDNIGHT-TO-MIDNIGHT ON INDICATED DAY

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.

AGROCLIMATOLOGICAL DATA - SEPTEMBER 1984

AUBURN, ALABAMA

DAY	AIR TEMPERATURE DATA									(IN DEGREES FARENHEIT)												SOIL TEMPERATURE DATA								
	150 CM SHELTER TEMPERATURES				DEGREE DAYS			CHILL HRS	5CM OVER GRASS		5CM OVER FALLOW SOIL			SOIL SURFACE TEMPERATURES			5 CM SOIL TEMPERATURES			10 CM SOIL TEMPERATURES			20 CM SOIL TEMPERATURES							
	MAX	MIN	MEAN	DFN*	BELOW 65	ABOVE 45 55			MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN					
						65	45	55																						
1	91	63	77	-1	0	32	22	OM	105	62	109	62	86	OM	OM	OM	105	74	90	95	73	84	88	75	82					
2	89	68	79	1	0	34	24	OM	103	69	107	68	88	OM	OM	OM	106	76	91	96	73	85	89	75	82					
3	92	67	80	2	0	35	25	OM	108	68	113	69	91	OM	OM	OM	106	79	93	97	75	86	90	77	84					
4	91	66	79	1	0	34	24	OM	103	69	112	70	91	OM	OM	OM	104	78	91	94	75	85	88	77	83					
5	73	57	65	-13	0	20	10	OM	77	58	80	53	69	OM	OM	OM	83	67	75	78	66	72	78	70	74					
6	80	57	69	-8	0	24	14	OM	95	58	102	57	80	OM	OM	OM	93	66	80	83	65	74	78	69	74					
7	82	57	70	-7	0	25	15	OM	97	55	107	54	81	OM	OM	OM	95	67	81	86	66	76	80	69	75					
8	81	59	70	-7	0	25	15	OM	96	59	100	58	79	OM	OM	OM	98	68	83	88	66	77	81	62	72					
9	82	59	71	-6	0	26	16	OM	94	58	98	57	78	OM	OM	OM	98	69	84	89	67	78	82	70	76					
10	85	63	74	-3	0	29	19	OM	101	63	104	63	84	OM	OM	OM	106	70	88	93	68	81	85	71	78					
11	89	63	76	0	0	31	21	OM	104	64	106	64	85	OM	OM	OM	107	78	93	95	72	84	87	74	81					
12	89	66	78	2	0	33	23	OM	104	68	108	67	88	OM	OM	OM	107	79	93	95	74	85	88	76	82					
13	91	69	80	4	0	35	25	OM	104	70	109	69	89	OM	OM	OM	109	80	95	97	74	86	89	76	83					
14	93	64	79	3	0	34	24	OM	109	65	115	65	90	OM	OM	OM	106	81	94	94	76	85	88	78	83					
15	92	66	79	3	0	34	24	OM	107	67	111	66	89	OM	OM	OM	108	82	95	96	76	86	89	78	84					
16	89	57	73	-2	0	28	18	OM	103	58	106	58	82	OM	OM	OM	106	75	91	95	71	83	89	76	83					
17	78	62	70	-5	0	25	15	OM	95	64	100	64	82	OM	OM	OM	102	76	89	90	71	81	85	75	80					
18	69	62	66	-9	0	21	11	OM	79	64	81	64	73	OM	OM	OM	89	75	82	80	71	76	78	73	76					
19	72	56	64	-10	1	19	9	OM	86	58	89	57	73	OM	OM	OM	92	70	81	82	67	75	78	69	74					
20	82	55	69	-5	0	24	14	OM	99	53	104	52	78	OM	OM	OM	102	70	86	90	67	79	83	68	76					
21	84	54	69	-5	0	24	14	OM	101	50	105	50	78	OM	OM	OM	104	71	88	91	67	79	84	71	78					
22	86	60	73	-1	0	28	18	OM	101	59	106	58	82	OM	OM	OM	103	72	88	91	68	80	84	71	78					
23	86	64	75	2	0	30	20	OM	97	64	100	64	82	OM	OM	OM	99	76	88	83	70	79	82	73	78					
24	88	64	76	3	0	31	21	OM	103	64	106	63	85	OM	OM	OM	106	78	92	94	72	83	86	74	80					
25	87	59	73	0	0	28	18	OM	104	58	109	58	84	OM	OM	OM	104	76	90	92	72	82	84	75	80					
26	90	59	74	2	0	29	19	OM	106	77	109	58	84	OM	OM	OM	106	77	92	95	72	84	87	75	81					
27	92	58	75	3	0	30	20	OM	105	59	107	59	83	OM	OM	OM	105	76	91	94	72	83	87	75	81					
28	85	55	70	-2	0	25	15	OM	99	56	103	56	80	OM	OM	OM	100	74	87	89	70	80	83	74	79					
29	82	54	68	-3	0	23	13	OM	102	54	107	54	81	OM	OM	OM	99	73	86	88	69	79	82	72	77					
30	78	54	66	-5	0	21	11	OM	99	55	102	55	79	OM	OM	OM	94	72	83	84	68	76	79	71	75					

TOTAL 1 837 537 0 2986 1846
 MEAN 84.9 60.5 72.7 -2.2 .0 27.9 17.9 .0 99.5 61.5 103.8 60.6 82.2 .0 .0 .0 101.4 74.2 87.8 90.6 70.4 80.5 84.4 73.0 78.7

TEMPERATURE EXTREMES: HIGHEST 93 ON DAYS 14,
 LOWEST 54 ON DAYS 21, 29, 30,

TEMPERATURE: 0 DAYS WITH MAXIMUM 32 DEGREES OR BELOW; 8 DAYS WITH MAXIMUM 90 DEGREES OR ABOVE.
 0 DAYS WITH MINIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MINIMUM 0 DEGREES OR BELOW.

* DEPARTURE FROM NORMAL.

M = MISSING OR UNOBSERVED DATA.
 DATA FOR 24 HOUR PERIOD ENDING 7AM CST ON INDICATED DAY

AGROCLIMATOLOGICAL DATA - SEPTEMBER 1984

AUBURN, ALABAMA

DAY	PRECIPITATION		SOIL MOISTURE		OPEN PAN EVAPORATION				HYGROTHERMOGRAPH DATA					VEGETATIVE WETTING	
	WATER EQUI-VALENT (IN.)	DRY* DAYS	INDEX (IN.)	PERCENT BY VOL.	WATER MAX	TEMP (DEG F) MIN	MEAN	MILES AIR MOVEMENT	INCHES EVAP.	RELATIVE HUMIDITY (%) 1 AM	7 AM	1 PM	7 PM	MEAN HRS	SOURCE
1	.00	4	.00H	.00H	95	71	83	39	.272	96	74	44	71	71	9 DEW
2	.00	5	.00H	.00H	94	71	83	30	.294	77	89	46	76	72	4 DEW
3	.14	6	.00H	.00H	94	73	84	31	.279	92	94	48	72	77	10 RAIN
4	.38	0	.00H	.00H	94	71	83	38	.266	98	96	92	89	94	13 RAIN
5	.03	1	.00H	.00H	76	62	69	27	.064	86	83	56	87	78	12 DEW RAIN
6	.00	2	.00H	.00H	85	62	74	41	.201	85	79	41	66	69	10 DEW
7	.00	3	.00H	.00H	86	62	74	32	.235	72	69	38	51	58	0
8	.00	4	.00H	.00H	86	61	74	71	.302	74	73	47	63	64	0
9	.00	5	.00H	.00H	86	61	74	51	.237	78	74	38	66	64	0
10	.00	6	.00H	.00H	90	62	76	25	.239	93	83	48	79	76	7 DEW
11	.00	7	.00H	.00H	92	68	80	27	.216	100	92	51	82	81	11 DEW
12	.02	8	.00H	.00H	95	70	83	36	.233	96	81	45	66	72	10 RAIN
13	.00	9	.00H	.00H	95	70	83	41	.271	82	74	52	70	70	0
14	.00	10	.00H	.00H	92	70	81	27	.205	90	93	47	82	78	5 DEW FOG
15	.00	11	.00H	.00H	93	71	82	21	.146	95	95	59	69	80	9 DEW
16	.00	12	.00H	.00H	92	59	76	71	.314	65	57	47	63	58	0
17	.00	13	.00H	.00H	83	59	71	83	.277	66	60	42	52	55	0
18	.00	14	.00H	.00H	70	59	65	80	.235	48	60	58	63	57	0
19	.00	15	.00H	.00H	75	57	66	72	.178	73	72	41	68	64	0
20	.00	16	.00H	.00H	86	57	72	35	.224	72	66	29	59	57	0
21	.00	17	.00H	.00H	87	58	73	23	.228	69	77	27	56	57	0
22	.00	18	.00H	.00H	86	59	73	50	.257	80	80	51	55	67	5 DEW
23	.00	19	.00H	.00H	85	64	75	61	.247	81	88	47	60	69	1 DEW
24	.00	20	.00H	.00H	90	66	78	43	.248	84	95	41	72	73	4 DEW
25	.00	21	.00H	.00H	89	67	78	27	.196	81	83	34	68	67	7 DEW FOG
26	.00	22	.00H	.00H	91	66	79	22	.255	87	64	28	60	60	6 DEW
27	.00	23	.00H	.00H	89	62	76	69	.315	86	81	53	69	72	3 DEW
28	.00	24	.00H	.00H	85	60	73	65	.186	82	88	51	74	74	0
29	.00	25	.00H	.00H	83	59	71	46	.170	89	86	56	71	76	6 DEW
30	.00	26	.00H	.00H	78	56	67	44	.157	76	78	48	75	69	0
TOTAL	.57							1328	6.947						
MEAN			.000		87.4	63.8	75.6	44	.232	82	79	47	68	69	4

NORMAL PRECIPITATION FOR MONTH IS 4.32 INCHES; 24 HOUR MAXIMUM = .38 INCHES.

NUMBER OF DAYS WITH PRECIPITATION OF 0.01 OR MORE 41 OF 0.50 OR MORE 01 OF 1.00 OR MORE 0

* NUMBER OF DAYS SINCE LAST OCCURRENCE OF 0.20 INCHES OR MORE OF PRECIPITATION.

T = TRACE OF PRECIPITATION.

M = MISSING OR UNOBSERVED DATA.

VEGETATIVE WETTING DATA FOR 24 HOUR PERIOD ENDING AT NOON CST. RELATIVE HUMIDITY IS AT INDICATED CST HOUR.

OTHER DATA FOR 24 HOURS ENDING 7AM CST.

AGROCLIMATOLOGICAL DATA - SEPTEMBER 1984

AUBURN, ALABAMA

DAY	WIND OBSERVATIONS-14 FOOT LEVEL					SUNSHINE AND RADIATION				BAROMETRIC DATA			OZONE		THUNDERSTORMS			FRONTS	
	6PM TO 6AM		6AM TO 6PM		MAX GUST	MINS. OF SUN-	PERCENT POSSIBLE	LANG-LEYS*	LANG-LEYS*	STATION PRESSURE	MAX	MIN	MEAN	MIXING RATIO**	D LIGHTNING STROKES	OBSERVED OR REPORTED HAIL HI-WIND	TIME OF PASS OF FRONT	TYPE OF FRONT	
	DIR.	AVER SPEED	DIR.	AVER SPEED	HR. SPEED	SHINE	OF SUNSHINE	SOLAR RAD.	NET RAD.	IN INCHES				MAX	MIN				
1	N	3	NE	4	8100	12	698	90.5	537	OM	30.09	30.01	30.05						
2	E	3	S	4	14100	14	545	70.9	481	OM	30.12	30.03	30.08						
3	V	2	W	4	12100	16	534	69.6	466	OM	30.06	29.93	30.00						
4	V	3	N	4	1100	15	2	.3	124	OM	30.05	29.97	30.01						
5	N	4	NE	6	8100	16	578	75.8	468	OM	30.12	30.04	30.08						
6	N	4	NE	5	12100	15	620	81.5	488	OM	30.20	30.11	30.16						
7	E	3	E	7	11100	21	710	93.5	561	OM	30.26	30.18	30.22						
8	E	6	E	8	11100	17	607	80.2	502	OM	30.28	30.16	30.22						
9	E	4	E	5	15100	16	719	95.1	559	OM	30.16	29.98	30.07						
10	NE	3	N	4	12100	15	555	73.7	499	OM	30.02	29.93	29.97						
11	V	1	N	3	20100	21	503	67.0	467	OM	30.03	29.96	30.00						
12	N	4	NE	6	9100	16	678	90.4	512	OM	30.07	30.00	30.04						
13	N	4	NE	5	9100	17	530	71.0	407	OM	30.10	30.01	30.05						
14	V	2	SH	3	17100	14	502	67.4	438	OM	30.04	29.94	29.99						
15	V	1	N	6	20100	23	444	59.7	428	OM	30.05	29.94	30.00						
16	N	8	NE	9	8100	25	585	78.9	461	OM	30.16	30.03	30.10						
17	NE	6	NE	8	8100	25	23	3.1	216	OM	30.24	30.18	30.21						
18	NE	6	NE	8	7100	21	77	10.4	268	OM	30.20	30.12	30.16						
19	NE	6	NE	6	5100	16	685	93.2	504	OM	30.12	29.99	30.05						
20	NE	3	NE	4	12100	15	695	94.8	514	OM	30.02	29.88	29.95						
21	V	2	E	6	11100	19	688	94.0	513	OM	30.01	29.89	29.95						
22	E	3	SE	6	9100	17	498	68.3	393	OM	30.16	30.02	30.09						
23	E	5	SE	5	8100	14	659	90.6	478	OM	30.24	30.16	30.20						
24	E	3	E	4	13100	15	505	69.6	392	OM	30.22	30.10	30.16						
25	E	2	SE	3	16100	15	688	95.2	481	OM	30.17	30.03	30.10						
26	V	1	SE	6	12100	17	668	92.6	472	OM	30.11	30.03	30.07						
27	N	7	NE	6	10100	18	387	53.8	353	OM	30.11	30.02	30.07						
28	NE	6	N	7	12100	18	275	38.4	357	OM	30.07	29.97	30.02						
29	N	5	NW	5	18100	16	280	39.2	292	OM	30.06	30.00	30.03						
30	N	5	NW	7	17100	25	150	21.0	261	OM	30.10	30.00	30.05						
TOTAL							15088		12892	0									
MEAN		4		5		17	503		430	0	30.12	30.02	30.07	.0	.0				

* ONE LANGLEY = ONE GRAM-CALORIE PER SQUARE CENTIMETER.
WIND SPEEDS ARE IN KNOTS (1 KNOT = 1.15 MPH)
** MIXING RATIO IS PARTS PER HUNDRED MILLION.

M = MISSING OR UNOBSERVED DATA.
WIND GUST, SUNSHINE & RADIATION ARE FROM MIDNIGHT-TO-MIDNIGHT ON INDICATED DAY

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	54	1940
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	1919
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.

AGROCLIMATOLOGICAL DATA - OCTOBER 1984

AUBURN, ALABAMA

DAY	AIR TEMPERATURE DATA (IN DEGREES FARENHEIT)											SOIL TEMPERATURE DATA														
	150 CM SHELTER TEMPERATURES				DEGREE DAYS			CHILL HRS		5CM OVER GRASS		5CM OVER FALLOW SOIL			SOIL SURFACE TEMPERATURES			5 CM SOIL TEMPERATURES			10 CM SOIL TEMPERATURES			20 CM SOIL TEMPERATURES		
	MAX	MIN	MEAN	DFN*	BELOW 65	ABOVE 45	DAYS 55	OM	HRS	MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	70	43	57	-13	8	12	2	OM	89	41	87	42	65	OM	OM	OM	88	63	76	79	61	70	76	66	71	
2	69	40	55	-14	10	10	0	OM	85	32	87	38	63	OM	OM	OM	92	61	77	81	59	70	75	64	70	
3	74	41	58	-11	7	13	3	OM	96	35	95	40	68	OM	OM	OM	95	62	79	83	59	71	76	63	70	
4	79	46	63	-6	2	18	8	OM	99	40	99	45	72	OM	OM	OM	96	63	80	84	61	73	77	62	70	
5	82	46	64	-4	1	19	9	OM	99	40	99	45	72	OM	OM	OM	95	67	81	84	63	74	77	65	71	
6	83	53	68	0	0	23	13	OM	102	51	103	53	78	OM	OM	OM	97	67	82	86	64	75	79	66	73	
7	80	59	70	2	0	25	15	OM	94	56	92	57	75	OM	OM	OM	91	71	81	81	67	74	76	69	73	
8	81	61	71	4	0	26	16	OM	107	62	106	61	84	OM	OM	OM	94	72	83	83	67	75	77	69	73	
9	81	63	72	5	0	27	17	OM	104	65	104	65	85	OM	OM	OM	94	75	85	83	70	77	78	70	74	
10	77	59	68	1	0	23	13	OM	92	59	92	59	76	OM	OM	OM	89	69	79	79	65	72	75	68	72	
11	84	60	72	6	0	27	17	OM	103	60	102	60	81	OM	OM	OM	97	70	84	85	66	76	79	67	73	
12	80	58	69	3	0	24	14	OM	97	56	96	57	77	OM	OM	OM	96	70	83	85	66	76	79	69	74	
13	84	58	71	6	0	26	16	OM	102	52	104	57	81	OM	OM	OM	99	71	85	87	66	77	80	68	74	
14	86	56	71	6	0	26	16	OM	110	53	105	56	81	OM	OM	OM	98	73	86	87	68	78	81	70	76	
15	86	61	74	9	0	29	17	OM	109	60	105	62	84	OM	OM	OM	99	73	86	89	69	79	81	70	76	
16	74	63	69	5	0	24	14	OM	81	60	82	63	73	OM	OM	OM	83	74	79	75	69	72	73	68	71	
17	86	66	76	12	0	31	21	OM	103	63	99	66	83	OM	OM	OM	91	75	83	80	69	75	76	68	72	
18	82	60	71	8	0	26	16	OM	101	57	97	60	79	OM	OM	OM	90	71	81	79	66	73	76	68	72	
19	87	61	74	11	0	29	19	OM	107	58	103	61	82	OM	OM	OM	92	72	82	81	67	74	76	68	72	
20	84	61	73	10	0	28	18	OM	101	58	97	61	79	OM	OM	OM	90	73	82	80	68	74	75	67	71	
21	83	64	74	12	0	29	19	OM	100	63	97	64	81	OM	OM	OM	92	74	83	81	68	75	76	68	72	
22	82	65	74	12	0	29	19	OM	105	66	99	67	83	OM	OM	OM	89	75	82	79	69	74	75	69	72	
23	85	64	75	13	0	30	20	OM	107	64	104	64	84	OM	OM	OM	91	74	83	80	69	75	76	69	73	
24	85	65	75	14	0	30	20	OM	100	66	101	66	84	OM	OM	OM	93	75	84	82	69	76	77	69	73	
25	85	61	73	12	0	28	18	OM	108	60	105	61	83	OM	OM	OM	93	71	82	81	66	74	77	68	73	
26	82	61	72	11	0	27	17	OM	103	59	102	60	81	OM	OM	OM	89	70	80	78	66	72	75	67	71	
27	81	65	73	13	0	28	18	OM	99	61	99	63	81	OM	OM	OM	90	71	81	79	66	73	75	65	70	
28	81	65	73	13	0	28	18	OM	95	65	94	66	80	OM	OM	OM	86	73	80	75	67	71	72	66	69	
29	85	68	77	17	0	32	22	OM	103	68	103	68	86	OM	OM	OM	91	76	84	79	69	74	75	69	72	
30	83	64	74	15	0	29	19	OM	105	61	101	64	83	OM	OM	OM	91	74	83	80	68	74	76	68	72	
31	85	58	72	13	0	27	17	OM	94	58	101	58	80	OM	OM	OM	91	70	81	80	65	73	76	68	72	

TOTAL 28 783 473 0 3099 1749
 MEAN 81.5 58.5 70.0 5.9 .9 25.3 15.3 .0100.0 56.4 98.7 58.4 78.5 .0 .0 .0 92.4 70.8 81.6 81.5 66.2 73.8 76.5 67.4 72.0

TEMPERATURE EXTREMES: HIGHEST 87 ON DAYS 19,
 LOWEST 40 ON DAYS 2.

TEMPERATURE: 0 DAYS WITH MAXIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MAXIMUM 90 DEGREES OR ABOVE.
 0 DAYS WITH MINIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MINIMUM 0 DEGREES OR BELOW.

* DEPARTURE FROM NORMAL.

M = MISSING OR UNOBSERVED DATA,
 DATA FOR 24 HOUR PERIOD ENDING 7AM CST ON INDICATED DAY

AGROCLIMATOLOGICAL DATA - OCTOBER 1984

AUBURN, ALABAMA

DAY	PRECIPITATION		SOIL MOISTURE		OPEN PAN EVAPORATION				HYGROTHERMOGRAPH DATA					VEGETATIVE WETTING		
	WATER EQUI-VALENT (IN.)	DRY* DAYS	INDEX (IN.)	PERCENT BY VOL.	WATER MAX	TEMP (DEG F) MIN	MEAN	MILES AIR MOVEMENT	INCHES EVAP.	RELATIVE HUMIDITY (%) 1 AM	7 AM	1 PM	7 PM	MEAN HRS	SOURCE	
1	.00	27	.00M	.00M	72	47	60	51	.135	94	86	35	50	66	10	DEW
2	.00	28	.00M	.00M	74	47	61	52	.187	82	63	27	61	58	7	DEW
3	.00	29	.00M	.00M	76	47	62	24	.190	74	65	21	52	53	4	DEW
4	.00	30	.00M	.00M	78	50	64	19	.205	75	61	23	57	54	0	
5	.00	31	.00M	.00M	79	55	67	17	.182	81	78	30	64	63	6	DEW
6	.00	32	.00M	.00M	83	56	70	21	.201	78	73	47	78	69	2	DEW
7	.00	33	.00M	.00M	79	60	70	49	.164	75	75	49	68	67	0	
8	.00	34	.00M	.00M	82	61	72	59	.158	86	96	51	63	74	6	DEW FOG
9	.12	35	.00M	.00M	82	65	74	33	.120	90	95	61	75	80	10	RAIN
10	.00	36	.00M	.00M	79	62	71	49	.125	89	78	40	55	66	8	DEW
11	.00	37	.00M	.00M	84	62	73	33	.200	74	75	47	60	64	0	
12	.00	38	.00M	.00M	83	60	72	34	.181	75	66	34	64	60	0	
13	.00	39	.00M	.00M	85	60	73	24	.162	67	60	34	58	55	0	
14	.00	40	.00M	.00M	84	63	74	30	.206	78	76	33	64	63	0	
15	.00	41	.00M	.00M	85	64	75	28	.212	76	84	93	97	88	2	RAIN
16	.84	0	.00M	.00M	73	67	70	34	.057	98	97	61	95	88	23	RAIN
17	.10	1	.00M	.00M	84	68	76	28	.095	94	97	62	87	85	17	RAIN
18	.00	2	.00M	.00M	84	67	76	28	.135	95	92	46	84	79	13	DEW
19	.00	3	.00M	.00M	85	67	76	29	.145	92	96	56	79	81	11	DEW
20	.00	4	.00M	.00M	83	68	76	34	.137	93	97	57	92	85	12	DEW FOG
21	.00T	5	.00M	.00M	83	68	76	77	.157	92	95	59	93	85	15	RAIN
22	1.06	0	.00M	.00M	81	68	75	65	.107	94	94	56	88	83	17	RAIN
23	.07	1	.00M	.00M	86	70	78	36	.159	94	95	50	83	81	15	RAIN
24	.28	0	.00M	.00M	87	70	79	33	.182	90	93	50	75	77	16	RAIN DEW
25	.00	1	.00M	.00M	86	66	76	37	.169	80	87	51	68	72	11	DEW
26	.00	2	.00M	.00M	83	65	74	45	.166	70	80	41	61	63	4	DEW
27	.00	3	.00M	.00M	83	65	74	61	.214	69	92	57	81	75	2	DEW
28	.00	4	.00M	.00M	78	66	72	55	.105	86	95	55	95	83	9	DEW
29	.39	0	.00M	.00M	83	71	77	46	.167	95	95	64	94	87	20	RAIN
30	.00	1	.00M	.00M	84	70	77	26	.092	97	91	51	83	81	16	DEW FOG
31	.00	2	.00M	.00M	86	65	76	29	.145	75	81	57	86	75	9	DEW
TOTAL	2.86							1185	4.860							
MEAN			.000		81.7	62.6	72.2	38	.157	84	84	48	75	73	9	

NORMAL PRECIPITATION FOR MONTH IS 2.83 INCHES; 24 HOUR MAXIMUM = 1.06 INCHES.

NUMBER OF DAYS WITH PRECIPITATION OF 0.01 OR MORE 7; OF 0.50 OR MORE 2; OF 1.00 OR MORE 1

* NUMBER OF DAYS SINCE LAST OCCURRENCE OF 0.20 INCHES OR MORE OF PRECIPITATION.

T = TRACE OF PRECIPITATION.

M = MISSING OR UNOBSERVED DATA.

VEGETATIVE WETTING DATA FOR 24 HOUR PERIOD ENDING AT NOON CST. RELATIVE HUMIDITY IS AT INDICATED CST HOUR. OTHER DATA FOR 24 HOURS ENDING 7AM CST.

AGROCLIMATOLOGICAL DATA - OCTOBER 1984

AUBURN, ALABAMA

DAY	WIND OBSERVATIONS-14 FOOT LEVEL					SUNSHINE AND RADIATION				BAROMETRIC DATA			OZONE		THUNDERSTORMS		FRONTS	
	6PM TO 6AM	6AM TO 6PM	MAX GUST	MINS. OF SUN-	PERCENT OF POSSIBLE SUNSHINE	LANG-LEYS* SOLAR RAD.	LANG-LEYS* NET RAD.	STATION PRESSURE IN INCHES	MAX	MIN	MEAN	MIXING RATIO**	MAX	MIN	D LIGHTNING STROKES	OBSERVED OR REPORTED HAIL HI-WIND	TIME OF PASS-AGE	TYPE OF FRONT
	PREV DIR.	AVER SPEED	PREV DIR.	AVER SPEED	HR. SPEED	SHINE	SHINE	SHINE	SHINE	SHINE	SHINE	SHINE	SHINE	SHINE	S	ES		
1	N	4	NW	8	11:00	23	662	93.1	476	OM	30.22	30.05	30.13					
2	N	3	NW	4	9:00	16	676	95.3	481	OM	30.28	30.16	30.22					
3	V	1	V	3	13:00	12	667	94.3	457	OM	30.23	30.10	30.16					
4	V	1	V	2	13:00	13	526	74.6	390	OM	30.20	30.11	30.16					
5	V	1	V	1	13:00	14	646	91.9	426	OM	30.24	30.14	30.19					
6	V	1	SE	5	12:00	16	246	35.1	291	OM	30.29	30.20	30.25					
7	E	4	E	6	10:00	17	392	56.1	335	OM	30.33	30.21	30.27					
8	E	5	E	4	8:00	16	140	20.1	263	OM	30.23	30.12	30.17					
9	E	4	NE	5	11:00	15	151	21.7	240	OM	30.19	30.13	30.16					
10	NE	5	NE	5	9:00	15	514	74.2	377	OM	30.23	30.14	30.19					
11	NE	4	NE	6	10:00	16	501	72.5	363	OM	30.25	30.15	30.20					
12	NE	3	V	4	12:00	17	617	89.6	404	OM	30.24	30.11	30.18					
13	N	2	NW	4	13:00	19	523	76.1	384	OM	30.10	30.06	30.08					
14	N	2	V	3	3:00	12	532	77.7	376	OM	29.98	29.84	29.91					
15	V	1	S	3	10:00	13	81	11.9	95	OM	29.93	29.85	29.89					
16	SE	2	SW	3	18:00	14	159	23.3	241	OM	30.09	29.93	30.01					
17	V	2	SW	4	13:00	15	214	31.5	255	OM	30.15	30.08	30.11					
18	V	1	S	4	12:00	15	314	46.3	302	OM	30.16	30.04	30.10					
19	V	1	SW	4	10:00	11	129	19.1	265	OM	30.12	30.05	30.08					
20	V	1	SE	6	17:00	23	172	25.6	277	OM	30.12	29.98	30.05					
21	SE	3	SE	6	13:00	17	66	9.8	188	OM	30.14	30.02	30.08					
22	SE	3	S	4	11:00	16	280	41.9	307	OM	30.17	30.06	30.11					
23	V	1	S	3	11:00	12	374	56.0	337	OM	30.21	30.10	30.16					
24	V	2	V	3	18:00	11	329	49.4	312	OM	30.22	30.14	30.18					
25	E	3	E	4	9:00	12	422	63.6	331	OM	30.30	30.21	30.26					
26	E	4	NE	5	13:00	16	593	89.6	368	OM	30.28	30.13	30.21					
27	NE	4	SE	5	14:00	14	71	10.7	185	OM	30.14	30.03	30.08					
28	SE	3	S	4	12:00	14	141	21.4	204	OM	30.13	30.05	30.09					
29	S	2	V	3	14:00	13	209	31.8	206	OM	30.18	30.10	30.14					
30	V	1	NE	3	10:00	11	470	71.8	313	OM	30.18	30.10	30.14					
31	NE	2	NE	5	15:00	19	443	67.8	316	OM	30.23	30.17	30.20					
TOTAL							11260		9765	0								
MEAN		2		4		15	363		315	0	30.19	30.08	30.13	.0	.0			

* ONE LANGLEY = ONE GRAM-CALORIE PER SQUARE CENTIMETER.
WIND SPEEDS ARE IN KNOTS (1 KNOT= 1.15 MPH)

** MIXING RATIO IS PARTS PER HUNDRED MILLION.

M = MISSING OR UNOBSERVED DATA.
WIND GUST, SUNSHINE & RADIATION ARE FROM MIDNIGHT-TO-MIDNIGHT ON INDICATED DAY

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.
 PAGE 10-4

AGROCLIMATOLOGICAL DATA - NOVEMBER 1984

AUBURN, ALABAMA

DAY	AIR TEMPERATURE DATA											(IN DEGREES FARENHEIT)											SOIL TEMPERATURE DATA								
	150 CM SHELTER TEMPERATURES				DEGREE			DAYS	CHILL HRS	5CM OVER GRASS		5CM OVER FALLOW SOIL			SOIL SURFACE TEMPERATURES			5 CM SOIL TEMPERATURES			10 CM SOIL TEMPERATURES			20 CM SOIL TEMPERATURES							
	MAX	MIN	MEAN	DFN*	BELOW		ABOVE			MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN					
					65	45	55																								
1	83	62	73	14	0	23	18	0	92	63	103	62	83	OM	OM	OM	69	70	60	78	65	72	74	67	71						
2	79	62	71	13	0	26	16	0	87	63	97	63	80	OM	OM	OM	84	71	78	75	66	71	72	66	69						
3	73	53	63	5	2	18	8	0	79	55	81	55	68	OM	OM	OM	79	66	73	72	62	67	70	64	67						
4	66	50	58	0	7	13	3	0	71	53	74	53	64	OM	OM	OM	76	62	69	68	59	64	66	61	64						
5	59	51	55	-3	10	10	0	0	61	53	63	53	58	OM	OM	OM	69	62	66	63	59	61	63	61	62						
6	71	41	56	-1	9	11	1	5	81	40	81	38	60	OM	OM	OM	79	54	67	69	52	61	66	57	62						
7	63	37	50	-7	15	5	0	9	75	36	79	35	57	OM	OM	OM	76	49	63	67	48	58	64	53	59						
8	64	37	51	-6	14	6	0	10	75	34	84	32	58	OM	OM	OM	76	49	63	66	48	57	63	53	58						
9	65	37	51	-5	14	6	0	12	74	35	83	33	58	OM	OM	OM	77	50	64	67	48	58	62	53	58						
10	69	42	56	0	9	11	1	1	80	43	87	43	65	OM	OM	OM	78	50	64	68	48	58	62	53	58						
11	73	36	55	-1	10	10	0	6	82	36	86	36	61	OM	OM	OM	76	52	64	67	50	59	63	54	59						
12	53	37	45	-11	20	0	0	13	62	39	63	38	51	OM	OM	OM	62	50	56	57	48	53	56	51	54						
13	55	29	42	-13	23	0	0	15	65	29	69	28	49	OM	OM	OM	68	42	55	60	42	51	57	47	52						
14	62	32	47	-8	18	2	0	14	73	31	77	30	54	OM	OM	OM	69	42	56	60	42	51	56	46	51						
15	67	33	50	-5	15	5	0	9	78	33	83	32	58	OM	OM	OM	71	45	58	61	43	52	57	47	52						
16	72	39	56	2	9	11	1	1	78	40	79	39	59	OM	OM	OM	71	47	59	61	46	54	58	49	54						
17	65	35	50	-4	15	5	0	9	71	35	74	34	54	OM	OM	OM	70	45	58	63	44	54	60	47	54						
18	64	37	51	-3	14	6	0	1	76	41	82	40	61	OM	OM	OM	70	45	58	61	44	53	58	48	53						
19	74	48	61	8	4	16	6	0	85	49	87	48	68	OM	OM	OM	75	53	64	65	50	58	61	52	57						
20	61	42	52	-1	13	7	0	3	65	44	63	44	54	OM	OM	OM	69	54	62	62	52	57	61	55	58						
21	53	37	45	-8	20	0	0	16	63	39	71	39	55	OM	OM	OM	66	50	58	59	47	53	57	49	53						
22	44	30	37	-15	28	0	0	24	51	30	57	29	43	OM	OM	OM	58	40	49	52	39	46	52	44	48						
23	53	30	42	-10	23	0	0	16	61	30	67	29	48	OM	OM	OM	62	40	51	54	39	47	52	43	48						
24	63	32	48	-4	17	3	0	11	71	31	77	30	54	OM	OM	OM	66	40	53	57	39	48	53	43	48						
25	69	37	53	1	12	8	0	13	81	35	85	34	60	OM	OM	OM	70	42	56	61	41	51	55	44	50						
26	69	41	55	4	10	10	0	0	79	39	85	37	61	OM	OM	OM	72	47	60	62	45	54	57	48	53						
27	67	49	58	7	7	13	3	0	74	53	79	51	65	OM	OM	OM	70	52	61	61	48	55	58	50	54						
28	72	43	58	7	7	13	3	2	75	44	77	43	60	OM	OM	OM	72	55	64	64	52	58	61	55	58						
29	54	26	40	-10	25	0	0	16	64	26	68	26	47	OM	OM	OM	65	43	54	58	42	50	57	46	52						
30	58	29	44	-6	21	0	0	16	71	29	74	29	52	OM	OM	OM	66	43	55	57	42	50	54	46	50						

TOTAL 391 243 60 222 2200 1208

MEAN 64.7 39.8 52.2 -2.0 13.0 8.1 2.0 7.4 73.3 40.3 77.8 39.4 58.6 .0 .0 .0 71.7 50.3 61.0 63.2 48.3 55.7 60.2 51.7 55.9

TEMPERATURE EXTREMES: HIGHEST 83 ON DAYS 1,
LOWEST 26 ON DAYS 29,

TEMPERATURE: 0 DAYS WITH MAXIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MAXIMUM 90 DEGREES OR ABOVE,
7 DAYS WITH MINIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MINIMUM 0 DEGREES OR BELOW.

* DEPARTURE FROM NORMAL.

M = MISSING OR UNOBSERVED DATA.
DATA FOR 24 HOUR PERIOD ENDING 7AM CST ON INDICATED DAY

AGROCLIMATOLOGICAL DATA - NOVEMBER 1984

AUBURN, ALABAMA

DAY	PRECIPITATION		SOIL MOISTURE		OPEN PAN EVAPORATION				HYGROTHERMOGRAPH DATA						VEGETATIVE WETTING	
	WATER EQUI-VALENT (IN.)	DRY* DAYS	INDEX (IN.)	PERCENT BY VOL.	WATER MAX	TEMP (DEG F) MIN	MEAN	MILES MOVEMENT	AIR INCHES EVAP.	RELATIVE HUMIDITY (%)						SOURCE
									1 AM	7 AM	1 PM	7 PM	MEAN	HRS		
1	.00	3	.00M	.00M	83	65	74	69	.161	91	90	70	85	84	14	DEW
2	.00	4	.00M	.00M	76	65	71	47	.051	94	93	79	90	89	15	DEW
3	.13	5	.00M	.00M	72	58	65	65	.039	93	90	70	87	85	16	RAIN
4	.09	6	.00M	.00M	67	54	61	101	.054	80	93	87	93	88	8	FOG
5	.00T	7	.00M	.00M	60	54	57	27	.042	97	97	51	69	79	4	RAIN
6	.00	8	.00M	.00M	72	47	60	48	.107	73	70	27	51	55	0	
7	.00	9	.00M	.00M	65	41	53	54	.176	73	31	25	70	50	0	
8	.00	10	.00M	.00M	64	41	53	22	.117	57	55	26	70	52	0	
9	.00	11	.00M	.00M	66	43	55	26	.134	67	67	26	66	57	0	
10	.00	12	.00M	.00M	67	43	55	34	.138	71	86	57	93	77	5	DEW
11	.83	0	.00M	.00M	69	45	57	100	.091	82	73	61	68	71	12	RAIN DEW
12	.00	1	.00M	.00M	54	42	48	84	.104	76	70	46	64	64	0	
13	.00	2	.00M	.00M	60	39	50	59	.000M	83	77	24	50	59	2	DEW
14	.00	3	.00M	.00M	59	39	49	27	.128	50	54	19	50	43	0	
15	.00	4	.00M	.00M	64	40	52	17	.126	74	75	46	64	65	4	DEW
16	.00T	5	.00M	.00M	65	42	54	46	.129	85	94	53	61	73	6	RAIN DEW
17	.00	6	.00M	.00M	66	40	53	51	.100	60	50	23	55	47	0	
18	.00	7	.00M	.00M	62	40	51	35	.138	46	77	55	68	62	0	
19	.37	0	.00M	.00M	70	47	59	115	.112	88	90	84	83	86	8	RAIN
20	.00T	1	.00M	.00M	65	47	56	83	.086	83	75	60	76	74	0	
21	.00	2	.00M	.00M	56	42	49	73	.092	68	72	47	60	62	0	
22	.00	3	.00M	.00M	48	36	42	77	.000M	72	61	30	56	55	0	
23	.00	4	.00M	.00M	53	36	45	76	.000M	69	54	23	41	47	0	
24	.00	5	.00M	.00M	58	37	48	47	.118	65	56	15	60	49	0	
25	.00	6	.00M	.00M	63	40	52	16	.124	50	60	19	46	44	0	
26	.00	7	.00M	.00M	65	42	54	42	.140	41	78	58	71	62	0	
27	.00T	8	.00M	.00M	65	46	56	72	.079	78	83	54	69	71	3	RAIN
28	1.27	0	.00M	.00M	69	49	59	128	.143	93	88	50	64	74	9	RAIN
29	.00	1	.00M	.00M	59	40	50	51	.000M	90	89	30	65	69	4	DEW
30	.00	2	.00M	.00M	58	40	49	19	.000M	84	74	56	92	77	7	DEW
TOTAL	2.69							1711	2.729							
MEAN			.000		64.0	44.7	54.3	57	.109	74	74	46	68	66	4	

NORMAL PRECIPITATION FOR MONTH IS 3.42 INCHES; 24 HOUR MAXIMUM = 1.27 INCHES.

NUMBER OF DAYS WITH PRECIPITATION OF 0.01 OR MORE 51 OF 0.50 OR MORE 21 OF 1.00 OR MORE 1

* NUMBER OF DAYS SINCE LAST OCCURRENCE OF 0.20 INCHES OR MORE OF PRECIPITATION.

T = TRACE OF PRECIPITATION.

M = MISSING OR UNOBSERVED DATA.

VEGETATIVE WETTING DATA FOR 24 HOUR PERIOD ENDING AT NOON CST. RELATIVE HUMIDITY IS AT INDICATED CST HOUR. OTHER DATA FOR 24 HOURS ENDING 7AM CST.

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	29	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	79	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.

PAGE 11-4

AGROCLIMATOLOGICAL DATA - DECEMBER 1984

AUBURN, ALABAMA

DAY	AIR TEMPERATURE DATA											(IN DEGREES FARENHEIT)											SOIL TEMPERATURE DATA											
	150 CM SHELTER TEMPERATURES				DEGREE DAYS			CHILL HRS	5CM OVER GRASS		5CM OVER FALLOW SOIL			SOIL SURFACE TEMPERATURES			5 CM SOIL TEMPERATURES			10 CM SOIL TEMPERATURES			20 CM SOIL TEMPERATURES											
	MAX	MIN	MEAN	DFN*	BELOW		ABOVE		MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN									
					65	45		55																										
1	66	37	52	2	13	7	0	3	76	39	79	39	59	OM	OM	OM	66	45	56	57	43	50	54	46	50									
2	65	46	56	6	9	11	1	0	76	47	83	45	64	OM	OM	OM	70	51	61	61	48	55	58	49	54									
3	71	49	60	10	5	15	5	0	72	53	75	52	64	OM	OM	OM	69	54	62	61	50	56	57	50	54									
4	63	31	47	-2	18	2	0	11	73	32	77	31	54	OM	OM	OM	72	44	58	63	43	53	60	47	54									
5	49	33	41	-8	24	0	0	18	55	34	61	34	48	OM	OM	OM	56	44	50	50	43	47	50	46	48									
6	46	36	41	-8	24	0	0	22	47	38	46	37	42	OM	OM	OM	52	48	50	48	45	47	49	47	48									
7	43	17	30	-19	35	0	0	24	47	18	51	18	35	OM	OM	OM	52	38	45	47	37	42	48	41	45									
8	46	19	33	-16	32	0	0	22	58	22	61	21	41	OM	OM	OM	54	38	46	47	37	42	45	39	42									
9	57	28	43	-6	22	0	0	17	67	28	71	28	50	OM	OM	OM	57	39	48	50	37	44	47	40	44									
10	64	35	50	2	15	5	0	1	77	37	78	36	57	OM	OM	OM	64	42	53	55	39	47	51	42	47									
11	67	41	54	6	11	9	0	2	71	41	74	39	57	OM	OM	OM	65	49	57	57	46	52	54	48	51									
12	69	40	55	7	10	10	0	8	79	40	83	39	61	OM	OM	OM	69	49	59	60	46	53	56	48	52									
13	71	42	57	9	8	12	2	0	78	43	82	42	62	OM	OM	OM	68	50	59	59	47	53	56	48	52									
14	73	48	61	13	4	16	6	0	77	46	79	45	62	OM	OM	OM	71	55	63	63	51	57	60	54	57									
15	76	51	64	17	1	19	9	0	87	49	92	47	70	OM	OM	OM	75	55	65	64	51	58	61	54	58									
16	71	50	61	14	4	16	6	0	83	48	90	48	69	OM	OM	OM	72	56	64	62	52	57	59	54	57									
17	74	49	62	15	3	17	7	0	80	48	86	47	67	OM	OM	OM	72	56	64	63	53	58	60	55	58									
18	76	49	63	16	2	18	8	0	87	49	92	48	70	OM	OM	OM	76	56	66	66	53	60	62	54	58									
19	77	50	64	17	1	19	9	0	89	50	93	49	71	OM	OM	OM	76	58	67	66	54	60	63	56	60									
20	73	50	62	16	3	17	7	0	83	51	86	48	67	OM	OM	OM	74	58	66	65	54	60	62	56	59									
21	67	52	60	14	5	15	5	0	76	51	76	51	64	OM	OM	OM	69	61	65	61	56	59	60	57	59									
22	69	54	62	16	3	17	7	0	70	55	72	55	64	OM	OM	OM	69	63	66	62	57	60	61	58	60									
23	68	41	55	9	10	10	0	5	77	40	81	38	60	OM	OM	OM	71	50	61	64	49	57	62	52	57									
24	65	41	53	7	12	8	0	1	73	41	81	38	60	OM	OM	OM	69	50	60	60	48	54	58	52	55									
25	74	53	64	18	1	19	9	0	83	55	86	53	70	OM	OM	OM	73	57	65	64	53	59	61	53	57									
26	68	43	56	11	9	11	1	1	77	45	83	44	64	OM	OM	OM	75	53	64	66	50	58	63	54	59									
27	70	45	58	13	7	13	3	0	76	47	83	45	64	OM	OM	OM	71	53	62	62	50	56	60	53	57									
28	72	45	59	14	6	14	4	0	81	47	87	45	66	OM	OM	OM	75	54	65	64	51	58	61	51	56									
29	77	51	64	19	1	19	9	0	86	50	92	50	71	OM	OM	OM	78	58	68	67	53	60	63	56	60									
30	74	55	65	20	0	20	10	0	80	55	79	54	67	OM	OM	OM	77	60	69	67	55	61	64	58	61									
31	74	51	63	18	2	18	8	0	83	50	84	49	67	OM	OM	OM	76	60	68	67	56	62	64	58	61									

TOTAL

300 357 116 135 2324 1349

MEAN 66.9 43.0 55.0 7.9 9.7 11.5 3.7 4.4 75.0 43.5 78.8 42.4 60.6 .0 .0 .0 68.8 51.7 60.3 60.3 48.6 54.4 57.7 50.8 54.3

TEMPERATURE EXTREMES: HIGHEST 77 ON DAYS 19, 29,
 LOWEST 17 ON DAYS 7,

TEMPERATURE: 0 DAYS WITH MAXIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MAXIMUM 90 DEGREES OR ABOVE.
 4 DAYS WITH MINIMUM 32 DEGREES OR BELOW; 0 DAYS WITH MINIMUM 0 DEGREES OR BELOW.

* DEPARTURE FROM NORMAL.

M = MISSING OR UNOBSERVED DATA.
 DATA FOR 24 HOUR PERIOD ENDING 7AM CST ON INDICATED DAY

AGROCLIMATOLOGICAL DATA - DECEMBER 1964

AUBURN, ALABAMA

DAY	PRECIPITATION		SOIL MOISTURE		OPEN PAN EVAPORATION				HYGROTHERMOGRAPH DATA						VEGETATIVE WETTING	
	WATER EQUI-VALENT (IN.)	DRY* DAYS	INDEX (IN.)	PERCENT BY VOL.	WATER MAX	TEMP (DEG F) MIN	MILES MEAN	AIR MOVEMENT	INCHES EVAP.	RELATIVE HUMIDITY (%) 1 AM	7 AM	1 PM	7 PM	MEAN HRS	SOURCE	
1	.05	3	.00M	.00M	60	40	50	41	.081	100	94	46	57	74	18	RAIN FOG
2	.00	4	.00M	.00M	66	48	57	51	.134	64	74	69	93	75	3	RAIN
3	.96	0	.00M	.00M	63	48	56	56	.108	95	94	51	50	73	17	RAIN
4	.00	1	.00M	.00M	68	40	54	60	.116	66	65	44	66	65	0	
5	1.73	0	.00M	.00M	47	40	44	82	.000M	91	93	94	95	93	19	RAIN
6	.49	0	.00M	.00M	45	42	44	79	.000M	94	85	55	46	70	20	RAIN
7	.00	1	.00M	.00M	45	33	39	128	.000M	61	73	27	49	53	0	
8	.00	2	.00M	.00M	43	33	38	28	.000M	65	60	32	63	55	0	
9	.00	3	.00M	.00M	50	35	43	33	.000M	51	79	54	64	67	2	DEW
10	.00T	4	.00M	.00M	62	39	51	28	.089	91	90	75	91	87	15	DEW RAIN
11	.00	5	.00M	.00M	63	47	55	36	.029	81	87	45	82	74	17	DEW
12	.00	6	.00M	.00M	68	46	57	17	.071	91	94	61	77	81	16	DEW
13	.00	7	.00M	.00M	66	46	56	40	.072	88	94	63	81	82	14	DEW FOG
14	.00	8	.00M	.00M	70	53	62	57	.068	80	90	44	76	73	15	DEW
15	.00	9	.00M	.00M	73	53	63	28	.102	75	76	46	81	70	2	DEW
16	.00	10	.00M	.00M	68	54	61	47	.106	66	68	51	71	64	1	DEW
17	.00	11	.00M	.00M	69	53	61	41	.075	78	91	43	75	72	7	DEW
18	.00	12	.00M	.00M	73	53	63	11	.083	85	91	45	71	73	8	DEW
19	.00	13	.00M	.00M	75	55	65	17	.090	90	92	50	76	77	13	DEW
20	.00	14	.00M	.00M	73	55	64	34	.093	86	94	90	90	90	17	DEW FOG
21	.00	15	.00M	.00M	65	56	61	24	.009	93	95	80	81	87	20	DEW FOG
22	.04	16	.00M	.00M	66	58	62	97	.029	87	90	66	55	75	19	RAIN
23	.04	17	.00M	.00M	67	61	64	33	.072	66	74	37	60	59	0	
24	.00T	18	.00M	.00M	63	43	53	36	.096	59	66	62	81	67	1	RAIN
25	.00T	19	.00M	.00M	67	52	60	55	.054	92	90	56	51	72	15	DEW RAIN
26	.00	20	.00M	.00M	70	44	57	83	.149	58	73	55	64	63	0	
27	.00	21	.00M	.00M	65	44	55	67	.098	68	75	56	85	71	0	
28	.00	22	.00M	.00M	70	47	59	43	.085	81	86	53	77	74	15	DEW
29	.00	23	.00M	.00M	75	54	65	37	.090	93	91	66	96	87	0M	
30	.00	24	.00M	.00M	73	57	65	13	.060	93	100	74	97	91	17	DEW FOG
31	.00	25	.00M	.00M	74	56	65	22	.042	100	100	56	66	81	17	DEW FOG
TOTAL	3.31						1444	2.101								
MEAN			.000		64.6	47.9	56.2	47	.081	80	85	56	74	74	10	

NORMAL PRECIPITATION FOR MONTH IS 5.48 INCHES; 24 HOUR MAXIMUM = 1.73 INCHES.

NUMBER OF DAYS WITH PRECIPITATION OF 0.01 OR MORE 6; OF 0.50 OR MORE 2; OF 1.00 OR MORE 1

* NUMBER OF DAYS SINCE LAST OCCURRENCE OF 0.20 INCHES OR MORE OF PRECIPITATION.

T = TRACE OF PRECIPITATION.

M = MISSING OR UNOBSERVED DATA.

VEGETATIVE WETTING DATA FOR 24 HOUR PERIOD ENDING AT NOON CST. RELATIVE HUMIDITY IS AT INDICATED CST HOUR. OTHER DATA FOR 24 HOURS ENDING 7AM CST.

AGROCLIMATOLOGICAL DATA - DECEMBER 1984

AUBURN, ALABAMA

DAY	WIND OBSERVATIONS-14 FOOT LEVEL						SUNSHINE AND RADIATION				BAROMETRIC DATA			OZONE		THUNDERSTORMS			FRONTS	
	6PM TO 6AM		6AM TO 6PM		MAX GUST HR. SPEED	MINS. OF SUN- SHINE	PERCENT OF POSSIBLE SUNSHINE	LANG- LEYS*	LANG- LEYS*	STATION PRESSURE IN INCHES			MIXING RATIO**		D LIGHT- A NING Y STROK- S ES	OBSERVED OR REPORTED HAIL HI-WIND	TIME PASS OF -AGE FRONT	TYPE OF FRONT		
	FREV DIR.	AVER SPEED	FREV DIR.	AVER SPEED						MAX	MIN	MEAN	MAX	MIN						
1	V	1	NE	4	10:00	11	364	59.7	268	OM	30.14	30.00	30.07							
2	NE	4	SE	6	16:00	27	49	8.0	152	OM	30.12	29.98	30.05							
3	V	2	NW	6	12:00	17	434	71.3	278	OM	30.30	30.05	30.18							
4	N	6	NE	6	8:00	21	19	3.1	126	OM	30.32	30.05	30.19							
5	NE	6	E	6	2:00	21	0	.0	32	OM	30.15	29.97	30.06							
6	W	6	NW	11	15:00	28	209	34.5	161	OM	30.37	29.99	30.18							
7	NW	6	NW	4	2:00	11	530	87.5	306	OM	30.42	30.26	30.34							
8	W	2	SW	5	13:00	16	481	79.5	297	OM	30.30	30.16	30.23							
9	V	1	SW	4	12:00	12	393	65.1	277	OM	30.22	30.10	30.16							
10	V	1	SW	4	14:00	15	134	22.2	124	OM	30.20	29.98	30.09							
11	N	3	V	3	9:00	12	466	77.2	283	OM	30.08	29.96	30.02							
12	V	1	S	3	11:00	13	10	1.7	219	OM	30.00	29.89	29.94							
13	SE	2	SE	5	15:00	18	82	13.6	154	OM	30.13	29.94	30.04							
14	SE	3	SE	3	12:00	12	OM	.OM	264	OM	30.29	30.12	30.20							
15	E	2	SE	4	13:00	13	OM	.OM	201	OM	30.35	30.23	30.29							
16	E	3	SE	4	11:00	14	OM	.OM	166	OM	30.31	30.20	30.25							
17	E	3	V	2	13:00	9	OM	.OM	243	OM	30.28	30.20	30.24							
18	V	1	V	2	13:00	13	OM	.OM	253	OM	30.29	30.16	30.22							
19	V	0	SW	4	12:00	16	OM	.OM	249	OM	30.22	30.08	30.15							
20	V	1	SW	3	10:00	10	71	11.8	85	OM	30.16	30.06	30.11							
21	V	1	SW	6	13:00	21	49	8.2	75	OM	30.08	30.00	30.04							
22	SW	7	NW	3	7:00	25	226	37.6	127	OM	30.18	30.00	30.09							
23	NE	5	E	3	9:00	11	462	76.9	250	OM	30.26	30.11	30.19							
24	E	3	SW	6	14:00	21	382	63.6	196	OM	30.16	30.08	30.12							
25	W	3	N	6	21:00	18	332	55.2	206	OM	30.40	30.16	30.28							
26	NE	8	NE	5	9:00	16	462	76.9	199	OM	30.50	30.40	30.45							
27	NE	5	E	4	1:00	13	541	89.9	259	OM	30.52	30.40	30.46							
28	E	3	SE	4	15:00	14	514	85.4	267	OM	30.43	30.30	30.36							
29	V	1	M	OM	15:00	12	OM	.OM	202	OM	30.34	30.26	30.30							
30	V	1	SW	3	12:00	13	280	46.4	166	OM	30.33	30.24	30.29							
31	V	1	SE	6	15:00	21	307	50.9	212	OM	30.26	30.10	30.18							
TOTAL							6797		6297	0										
MEAN		3		5		16	283		203	0	30.26	30.11	30.19	.0	.0					

* ONE LANGLEY = ONE GRAM-CALORIE PER SQUARE CENTIMETER.
WIND SPEEDS ARE IN KNOTS (1 KNOT= 1.15 MPH)

** MIXING RATIO IS PARTS PER HUNDRED MILLION.

M = MISSING OR UNOBSERVED DATA.

WIND GUST, SUNSHINE & RADIATION ARE FROM MIDNIGHT-TO-MIDNIGHT ON INDICATED DAY

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	1919	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	59	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 MEAN NUMBER OF DAYS				RAINFALL								
	NORMALS			EXTREMES			DEGREE	MAXIMUM TEMP.		MINIMUM TEMP.		NORMAL	MAXIMUM		MINIMUM		24 HOUR		
	MAX	MIN	MEAN	HIGH	YEAR	LOW	YEAR	BASE-65	90 OR	32 OR	32 OR	0 OR	TOTAL	TOTAL	YEAR	TOTAL	YEAR	MAX	YEAR
								DEGREES	ABOVE	BELOW	BELOW	BELOW							
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

TEMPERATURE IN DEG. F; RAINFALL IN INCHES
 NORMALS BASED ON 1951-80 DATA. MEANS AND EXTREMES BEGIN WITH 1906 DATA

1984 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		
	MAX	MIN	MEAN	DFN*	90 OR ABOVE		32 OR BELOW		DAYS	DFN*	WATER EQUIVALENT (IN.)	DFN*	TOTAL (IN.)	MINS. OF SUNSHINE	SOLAR RAD.	NET RAD.
					DAYS	DFN*	DAYS	DFN*								
JAN	53.8	30.3	42.0	-2.6	0	0	18	7	705	64	3.96	-1.19	1.19	9458	7139	OM
FEB	61.9	36.3	49.1	1.9	0	0	10	2	456	-49	3.68	-1.66	1.97	10165	9231	OM
MAR	66.6	41.5	54.0	-.4	0	0	8	4	344	0	6.14	-.71	4.06	13323	12594	OM
APR	71.4	49.1	60.3	-2.8	0	0	0	0	179	61	3.51	-1.80	5.38	10701	12331	OM
MAY	80.0	57.1	68.6	-2.1	0	-5	0	0	39	24	5.74	1.51	6.58	15776	15783	OM
JUN	89.5	63.8	76.6	-.5	20	5	0	0	2	2	2.87	-.98	8.89	16471	17213	OM
JUL	87.4	67.3	77.3	-2.3	10	-8	0	0	0	0	4.76	-.98	6.65	11071	11939	OM
AUG	87.2	66.9	77.1	-2.1	8	-10	0	0	0	0	3.87	.28	6.13	12736	13725	OM
SEP	84.9	60.5	72.7	-2.2	8	-3	0	0	1	1	.57	-3.75	6.95	15088	12892	OM
OCT	81.5	58.5	70.0	5.9	0	-1	0	0	28	-74	2.86	.03	4.86	11260	9765	OM
NOV	64.7	39.8	52.2	-2.0	0	0	7	3	391	60	2.69	-.73	2.73	10015	7579	OM
DEC	66.9	43.0	55.0	7.9	0	0	4	-6	300	-255	3.31	-2.17	2.10	6797	6297	OM
YEAR	74.6	51.2	62.9	-.1	46	-22	47	10	2445	-166	43.96	-12.14	57.49	142861	136488	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

Estimated daylength, sunrise and sunset times for Auburn, Alabama
 All sunrise and sunset calculations are for Central Standard Time.

Latitude 32 36 N., Longitude 85 30 W.

JANUARY

DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	
DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.
1	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
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
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
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
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
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
31	10:34	6:38	5:12									30	10:33	6:39	5:11

FEBRUARY

DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	
DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.
1	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
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
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
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
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
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

DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	
DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.
1	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
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
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
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
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
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
31	12:33	5:30	6:03									30	12:31	5:31	6:02

APRIL

DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	
DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.
1	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
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
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
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
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
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 estimator 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
 All sunrise and sunset calculations are for Central Standard Time.

Latitude 32 36 N., Longitude 85 30 W.

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

JUNE

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				
6	14:11	4:35	6:46	7	14:12	4:35	6:47	8	14:12	4:35	6:47	9	14:13	4:35	6:48				
11	14:13	4:35	6:48	12	14:14	4:35	6:49	13	14:14	4:35	6:49	14	14:14	4:35	6:49				
16	14:15	4:35	6:50	17	14:15	4:36	6:50	18	14:15	4:36	6:51	19	14:15	4:36	6:51				
21	14:15	4:36	6:51	22	14:15	4:36	6:51	23	14:15	4:37	6:52	24	14:15	4:37	6:52				
26	14:14	4:38	6:52	27	14:14	4:38	6:52	28	14:14	4:38	6:52	29	14:14	4:39	6:52				
												30	14:13	4:39	6:52				

JULY

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				
6	14:11	4:41	6:52	7	14:10	4:42	6:52	8	14:10	4:42	6:52	9	14:09	4:43	6:52				
11	14:08	4:44	6:51	12	14:07	4:44	6:51	13	14:06	4:45	6:51	14	14:05	4:45	6:50				
16	14:04	4:46	6:50	17	14:03	4:47	6:49	18	14:02	4:47	6:49	19	14:01	4:48	6:49				
21	13:59	4:49	6:48	22	13:58	4:50	6:47	23	13:57	4:50	6:47	24	13:55	4:51	6:46				
26	13:53	4:52	6:45	27	13:52	4:53	6:44	28	13:51	4:53	6:44	29	13:49	4:54	6:43				
31	13:47	4:55	6:42									30	13:48	4:54	6:42				

AUGUST

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				
6	13:38	4:59	6:37	7	13:37	4:59	6:36	8	13:35	5:00	6:35	9	13:34	5:01	6:34				
11	13:30	5:02	6:32	12	13:29	5:03	6:31	13	13:27	5:03	6:30	14	13:25	5:04	6:29				
16	13:22	5:05	6:27	17	13:20	5:06	6:26	18	13:18	5:06	6:25	19	13:17	5:07	6:24				
21	13:13	5:08	6:21	22	13:11	5:09	6:20	23	13:09	5:10	6:19	24	13:07	5:10	6:18				
26	13:04	5:12	6:15	27	13:02	5:12	6:14	28	13:00	5:13	6:13	29	12:58	5:14	6:11				
31	12:54	5:15	6:09									30	12:56	5:14	6:10				

*** 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
 All sunrise and sunset calculations are for Central Standard Time.

Latitude 32 36 N., Longitude 85 30 W.

SEPTEMBER

DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	
DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.
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
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
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
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
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
26	11:59	5:33	5:32	27	11:57	5:34	5:30	28	11:54	5:35	5:29	29	11:52	5:35	5:28
												30	11:50	5:36	5:26

OCTOBER

DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	
DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.
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
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
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
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
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	4:56
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
31	10:49	6:01	4:50									30	10:51	6:00	4:51

NOVEMBER

DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	
DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.
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
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
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
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
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
26	10:14	6:23	4:37	27	10:13	6:24	4:37	28	10:12	6:25	4:37	29	10:12	6:25	4:37
												30	10:11	6:26	4:37

DECEMBER

DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	DAY	RISE	SET	
DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.	DATE	LENGTH	A.M.	P.M.
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
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
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
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
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
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
31	10:04	6:43	4:48									30	10:04	6:43	4:47

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

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

Station: AUBURN

State: AL

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

Normal Monthly Values:
 55.5 33.7 44.6 5.14

Normal Monthly Values:
 59.1 35.3 47.2 5.34

Normal Monthly Values:
 66.4 42.3 54.3 6.85

Normal annual values:
 74.8 51.2 63.0 56.10

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

SOURCE: NATIONAL WEATHER SERVICE, SE AG WEATHER SERVICE CENTER, AUBURN, AL

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

Station: AUBURN

State: AL

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	.14	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

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SOURCE: NATIONAL WEATHER SERVICE, SE AG WEATHER SERVICE CENTER, AUBURN, AL

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

Station: AUBURN

State: AL

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

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SOURCE: NATIONAL WEATHER SERVICE, SE AG WEATHER SERVICE CENTER, AUBURN, AL

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

Station: AUBURN

State: AL

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	.09	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	.19
24	74	48	61	.08	24	64	40	52	.13	24	57	35	46	.19
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

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SOURCE: NATIONAL WEATHER SERVICE, SE AG WEATHER SERVICE CENTER, AUBURN, AL

NORMAL DEGREE DAYS BELOW SELECTED BASE TEMPERATURES
FOR AUBURN, AL (1951-80)

BASE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70.	787	638	488	223	66	6	0	0	21	204	474	710	3617
65.	641	505	344	118	15	0	0	0	0	102	331	555	2611
60.	497	375	218	46	0	0	0	0	0	34	202	411	1783
55.	365	259	126	12	0	0	0	0	0	8	107	276	1153
50.	256	168	56	0	0	0	0	0	0	0	41	170	691
45.	170	97	20	0	0	0	0	0	0	0	11	92	390
43.	140	73	12	0	0	0	0	0	0	0	7	65	297
40.	98	45	6	0	0	0	0	0	0	0	0	37	186
35.	48	18	0	0	0	0	0	0	0	0	0	13	79
32.	30	10	0	0	0	0	0	0	0	0	0	7	47
30.	22	7	0	0	0	0	0	0	0	0	0	0	29
25.	10	0	0	0	0	0	0	0	0	0	0	0	10

NORMAL DEGREE DAYS ABOVE SELECTED BASE TEMPERATURES
FOR AUBURN, AL (1951-80)

BASE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
30.	475	489	756	993	1262	1413	1538	1525	1347	1057	726	530	12111
32.	421	436	694	933	1200	1353	1476	1463	1287	995	666	475	11399
40.	241	246	453	693	952	1113	1228	1215	1047	747	426	257	8618
43.	190	190	366	603	859	1023	1135	1122	957	654	343	192	7634
45.	157	159	311	543	797	963	1073	1060	897	592	287	157	6996
50.	88	90	192	393	642	813	918	905	747	437	167	80	5472
55.	43	40	107	255	487	663	763	750	597	290	83	31	4109
60.	20	16	44	139	332	513	608	595	447	161	28	11	2914
65.	9	6	15	61	192	363	453	440	301	74	7	0	1921
70.	0	0	0	16	88	219	298	285	168	21	0	0	1095
75.	0	0	0	0	24	100	151	138	75	0	0	0	488
80.	0	0	0	0	0	28	48	38	20	0	0	0	134

National Weather Service
SE As Weather Service Center

Precipitation Summary
Of AU Exp Station Substations

For the period: SUNDAY JANUARY 1, 1984
thru: MONDAY DECEMBER 31, 1984

STATION	ACT TOTAL	NORMAL TOTAL	DIFF	% OF NORMAL
WINFIELD	56.97	56.71	+ .26	100.46%
BREWTON	62.28	62.58	- .30	99.52%
THORSBY	48.38	57.60	-9.22	83.99%
SAND MOUNTAIN	51.06	54.85	-3.79	93.09%
FAIRHOPE	50.19	64.30	-14.11	78.06%
AUBURN	43.96	56.31	-12.35	78.07%
BELLE MINA	57.74	53.28	+4.46	108.37%
HEADLAND	42.96	54.83	-11.87	78.35%
MARION JUNCTION	45.21	53.29	-8.08	84.84%
CAMDEN	51.52	57.94	-6.42	88.92%

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: BELLE MINA 1984
 ALABAMA

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
01/ 1	37	-14	11	-20	24	-17	.00	31	24	28	9.99	999	0
01/ 2	46	-5	19	-12	33	-8	.00	32	29	30	9.99	999	0
01/ 3	41	-9	25	-6	33	-8	88.88	32	32	32	9.99	999	0
01/ 4	49	-1	25	-6	37	-4	.00	32	31	32	9.99	999	0
01/ 5	48	-2	25	-6	37	-4	.04	37	32	35	9.99	999	0
01/ 6	54	4	29	-2	42	1	.00	46	35	41	9.99	999	0
01/ 7	60	10	27	-3	44	4	.00	49	35	42	9.99	999	0
01/ 8	50	0	27	-3	39	-1	.00	47	36	42	9.99	999	0
01/ 9	61	11	29	-1	45	5	.00	50	36	43	9.99	999	0
01/10	62	12	37	7	50	10	.34	48	37	43	9.99	999	0
01/11	46	-4	18	-12	32	-8	.86	45	34	40	9.99	999	0
01/12	33	-17	17	-13	25	-15	.00	34	34	34	9.99	999	0
01/13	47	-3	22	-8	35	-5	.00	39	33	36	9.99	999	0
01/14	44	-6	33	3	39	-1	.00	41	35	38	9.99	999	0
01/15	46	-4	27	-3	37	-3	.00	45	36	41	9.99	999	0
01/16	33	-17	27	-3	30	-10	.03	37	36	37	9.99	999	0
01/17	36	-14	32	2	34	-6	.01	39	36	38	9.99	999	0
01/18	45	-5	32	2	39	-1	.95	46	36	41	9.99	999	0
01/19	35	-15	12	-18	24	-16	88.88	38	34	36	9.99	999	0
01/20	26	-24	11	-19	19	-21	.00	34	33	34	9.99	999	0
01/21	31	-19	5	-25	18	-22	.00	34	29	31	9.99	999	0
01/22	27	-23	5	-25	16	-24	.00	31	27	29	9.99	999	0
01/23	44	-6	9	-21	27	-13	.00	32	27	30	9.99	999	0
01/24	43	-8	34	4	39	-2	.99	32	31	32	9.99	999	0
01/25	49	-2	37	7	43	2	.04	39	32	36	9.99	999	0
01/26	42	-9	28	-2	35	-6	.00	42	35	39	9.99	999	0
01/27	51	0	28	-2	40	-1	.00	47	35	41	9.99	999	0
01/28	55	4	28	-2	42	1	.00	49	36	43	9.99	999	0
01/29	47	-4	28	-3	38	-3	.00	46	36	41	9.99	999	0
01/30	54	2	28	-3	41	-1	.00	49	36	43	9.99	999	0
01/31	49	-3	25	-6	37	-5	.00	45	35	40	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 44.9 Mean Minimum= 23.9 Average= 34.4
 DFN= -5.5 DFN= -6.4 DFN= -6.0
 Highest= 62 Lowest= 5

PRECIPITATION STATISTICS:

Total= 3.16 DFN= -2.05 Greatest Daily= .99 Rain Days= 8

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: BELLE MINA ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
02/ 1	43	-9	24	-7	34	-8	.00	45	35	40	9.99	999	0
02/ 2	57	5	24	-7	41	-1	.00	48	35	42	9.99	999	0
02/ 3	63	11	33	2	48	6	.22	49	37	43	9.99	999	0
02/ 4	55	2	28	-3	42	0	88.88	52	38	45	9.99	999	0
02/ 5	52	-1	27	-4	40	-2	.10	50	38	44	9.99	999	0
02/ 6	45	-8	13	-18	29	-13	88.88	43	34	39	9.99	999	0
02/ 7	29	-24	12	-19	21	-21	88.88	42	34	38	9.99	999	0
02/ 8	40	-13	18	-13	29	-13	.00	42	34	38	9.99	999	0
02/ 9	54	0	23	-8	39	-4	.00	45	34	40	9.99	999	0
02/10	62	8	30	-2	46	3	.13	47	35	41	9.99	999	0
02/11	60	6	47	15	54	11	.27	52	44	48	9.99	999	0
02/12	69	15	52	20	61	18	.00	58	49	54	9.99	999	0
02/13	71	16	53	21	62	19	.48	57	49	53	9.99	999	0
02/14	62	7	35	3	49	5	.16	58	44	51	9.99	999	0
02/15	66	11	33	1	50	6	.00	61	44	53	9.99	999	0
02/16	69	14	35	2	52	8	.00	60	44	52	9.99	999	0
02/17	72	16	32	-1	52	7	.00	60	47	54	9.99	999	0
02/18	65	9	36	3	51	6	.00	61	45	53	9.99	999	0
02/19	74	18	34	1	54	9	.01	59	45	52	9.99	999	0
02/20	61	5	38	5	50	5	.04	57	46	52	9.99	999	0
02/21	55	-2	34	1	45	0	.00	58	45	52	9.99	999	0
02/22	60	3	31	-3	46	0	.00	59	43	51	9.99	999	0
02/23	53	-4	33	-1	43	-3	.20	48	43	46	9.99	999	0
02/24	62	5	38	4	50	4	.00	59	45	52	9.99	999	0
02/25	62	5	31	-3	47	1	88.88	54	42	48	9.99	999	0
02/26	56	-2	31	-4	44	-3	.00	58	41	50	9.99	999	0
02/27	61	3	35	0	48	1	.90	57	42	50	9.99	999	0
02/28	63	5	27	-8	45	-2	.13	51	40	46	9.99	999	0
02/29	35	-23	26	-9	31	-16	.00	44	37	41	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 57.8 Mean Minimum= 31.5 Average= 44.6
 DFN= +2.7 DFN= -1.1 DFN= +.3
 Highest= 74 Lowest= 12

PRECIPITATION STATISTICS:

Total= 2.64 DFN= -2.19 Greatest Daily= .90 Rain Days= 11

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE							4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN			EVAP
03/ 1	37	-21	22	-13	30	-17	.00	45	36	41	9.99	999	0
03/ 2	50	-9	21	-15	36	-12	.00	50	36	43	9.99	999	0
03/ 3	60	1	27	-9	44	-4	.00	54	38	46	9.99	999	0
03/ 4	67	8	32	-4	50	2	.00	59	39	49	9.99	999	0
03/ 5	72	12	49	12	61	12	.70	60	47	54	9.99	999	0
03/ 6	64	4	34	-3	49	0	.23	57	44	51	9.99	999	0
03/ 7	45	-15	28	-9	37	-12	.00	48	39	44	9.99	999	0
03/ 8	51	-9	27	-10	39	-10	.00	55	39	47	9.99	999	0
03/ 9	55	-6	21	-17	38	-12	.00	55	37	46	9.99	999	0
03/10	42	-19	22	-16	32	-18	99.99	53	37	45	9.99	999	0
03/11	40	-21	29	-9	35	-15	.01	45	40	43	9.99	999	0
03/12	53	-9	30	-8	42	-8	.00	55	40	48	9.99	999	0
03/13	55	-7	36	-3	46	-5	.50	47	40	44	9.99	999	0
03/14	61	-1	35	-4	48	-3	.03	59	44	52	9.99	999	0
03/15	72	9	35	-4	54	3	.00	66	44	55	9.99	999	0
03/16	80	17	50	10	65	13	1.04	66	50	59	9.99	999	0
03/17	74	11	53	13	64	12	.15	66	55	61	9.99	999	0
03/18	69	5	53	13	61	9	.30	63	55	59	9.99	999	0
03/19	73	9	56	15	65	12	.02	70	58	64	9.99	999	0
03/20	76	12	46	5	61	8	.47	68	58	63	9.99	999	0
03/21	47	-19	37	-4	42	-11	.58	59	45	52	9.99	999	0
03/22	54	-11	33	-8	44	-9	.00	52	42	47	9.99	999	0
03/23	64	-2	33	-9	49	-5	.00	62	42	52	9.99	999	0
03/24	67	1	40	-2	54	0	.00	67	48	58	9.99	999	0
03/25	69	3	44	2	57	3	.29	60	51	56	9.99	999	0
03/26	53	-14	40	-3	47	-8	.00	55	49	52	9.99	999	0
03/27	64	-3	43	0	54	-1	.00	65	49	57	9.99	999	0
03/28	67	0	52	9	60	5	2.13	61	52	57	9.99	999	0
03/29	63	-5	42	-2	53	-3	.90	62	50	56	9.99	999	0
03/30	55	-13	36	-8	46	-10	.00	58	44	51	9.99	999	0
03/31	59	-10	33	-11	46	-11	.00	62	44	53	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 59.9 Mean Minimum= 36.7 Average= 48.3
DFN= -3.3 DFN= -3.0 DFN= -3.1
Highest= 80 Lowest= 21

PRECIPITATION STATISTICS:

Total= 7.35 DFN= +.85 Greatest Daily= 2.13 Rain Days= 14

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

Data values that are all '9s' indicate data that is missing or not reported.
99.99 indicates Trace of precipitation. DFN is the departure from normal.
Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
inches, vegetative wetting is in hours and solar energy is in Watts per
square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
04/ 1	57	-12	36	-9	47	-10	.00	60	44	52	9.99	999	0
04/ 2	61	-9	36	-9	49	-9	.00	69	45	57	9.99	999	0
04/ 3	70	0	38	-7	54	-4	1.40	68	48	58	9.99	999	0
04/ 4	72	2	53	7	63	5	.59	66	55	61	9.99	999	0
04/ 5	61	-10	45	-1	53	-6	.00	66	51	59	9.99	999	0
04/ 6	54	-17	41	-5	48	-11	.00	56	47	52	9.99	999	0
04/ 7	66	-6	44	-3	55	-5	.00	67	47	57	9.99	999	0
04/ 8	67	-5	44	-3	56	-4	.00	66	48	57	9.99	999	0
04/ 9	66	-6	49	2	58	-2	.13	59	54	57	9.99	999	0
04/10	65	-8	49	2	57	-3	.05	63	54	59	9.99	999	0
04/11	63	-10	48	0	56	-5	.00	65	53	59	9.99	999	0
04/12	71	-2	50	2	61	0	.00	74	53	64	9.99	999	0
04/13	74	0	50	2	62	1	.00	75	55	65	9.99	999	0
04/14	79	5	50	1	65	3	.00	81	58	70	9.99	999	0
04/15	72	-2	41	-9	57	-5	.00	74	54	64	9.99	999	0
04/16	61	-14	40	-9	51	-11	.02	68	54	61	9.99	999	0
04/17	58	-17	43	-6	51	-11	.01	63	53	58	9.99	999	0
04/18	57	-18	35	-15	46	-17	.03	59	47	53	9.99	999	0
04/19	68	-8	32	-18	50	-13	.09	74	47	61	9.99	999	0
04/20	60	-16	47	-3	54	-9	.17	63	55	59	9.99	999	0
04/21	63	-13	51	1	57	-6	.04	60	55	58	9.99	999	0
04/22	79	3	58	7	69	5	2.28	70	57	64	9.99	999	0
04/23	71	-6	48	-3	60	-4	.00	71	54	63	9.99	999	0
04/24	55	-22	43	-8	49	-15	.00	58	51	55	9.99	999	0
04/25	73	-4	48	-4	61	-4	.00	74	51	63	9.99	999	0
04/26	85	8	52	0	69	4	.00	82	54	68	9.99	999	0
04/27	84	7	59	7	72	7	.55	81	60	71	9.99	999	0
04/28	82	4	63	11	73	8	.20	76	64	70	9.99	999	0
04/29	77	-1	62	10	70	5	.88	78	68	73	9.99	999	0
04/30	77	-1	65	12	71	5	.10	73	67	70	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 68.3 Mean Minimum= 47.3 Average= 57.8
 DFN= -5.9 DFN= -1.6 DFN= -3.8
 Highest= 85 Lowest= 32

PRECIPITATION STATISTICS:

Total= 6.59 DFN= +1.77 Greatest Daily= 2.28 Rain Days= 15

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 .88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
05/ 1	77	-1	46	-7	62	-4	.00	80	57	69	9.99	999	0
05/ 2	77	-1	47	-6	62	-4	.08	83	57	70	9.99	999	0
05/ 3	66	-13	56	3	61	-5	3.90	67	63	65	9.99	999	0
05/ 4	73	-4	53	1	65	-2	.05	75	61	68	9.99	999	0
05/ 5	70	-9	53	1	63	-4	.00	78	61	70	9.99	999	0
05/ 6	74	-5	55	1	65	-2	.01	72	62	67	9.99	999	0
05/ 7	84	5	72	18	78	11	.00	80	67	74	9.99	999	0
05/ 8	88	9	62	7	73	8	2.72	85	68	77	9.99	999	0
05/ 9	64	-16	48	-7	56	-12	.20	74	58	66	9.99	999	0
05/10	66	-14	44	-11	53	-13	.00	75	57	66	9.99	999	0
05/11	77	-3	45	-10	61	-7	.00	81	57	69	9.99	999	0
05/12	82	2	53	-1	69	1	.00	85	63	74	9.99	999	0
05/13	82	1	62	6	72	3	.00	84	67	76	9.99	999	0
05/14	85	4	53	-3	69	0	.00	87	69	78	9.99	999	0
05/15	84	3	49	-7	67	-2	.00	92	67	80	9.99	999	0
05/16	79	-2	48	-9	64	-5	.00	86	65	76	9.99	999	0
05/17	76	-5	46	-11	61	-8	.00	86	63	75	9.99	999	0
05/18	78	-4	47	-10	63	-7	.00	87	63	75	9.99	999	0
05/19	84	2	50	-7	67	-3	.00	90	66	78	9.99	999	0
05/20	85	3	58	0	72	2	.00	89	68	79	9.99	999	0
05/21	84	2	63	5	74	4	88.88	87	70	79	9.99	999	0
05/22	83	0	64	6	74	3	.14	75	71	73	9.99	999	0
05/23	83	0	65	7	74	3	88.88	84	70	77	9.99	999	0
05/24	80	-3	53	-6	67	-4	.32	81	63	72	9.99	999	0
05/25	83	0	54	-5	69	-2	.00	87	63	75	9.99	999	0
05/26	90	7	66	7	78	7	.00	91	70	81	9.99	999	0
05/27	85	1	65	6	73	3	.01	85	73	79	9.99	999	0
05/28	88	4	65	5	77	5	.32	94	73	84	9.99	999	0
05/29	85	1	55	-5	70	-2	.02	87	69	78	9.99	999	0
05/30	62	-23	43	-17	53	-20	.00	72	58	65	9.99	999	0
05/31	70	-15	42	-18	56	-17	.00	78	58	68	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 73.9 Mean Minimum= 54.5 Average= 66.7
 DFN= -2.4 DFN= -2.2 DFN= -2.3
 Highest= 90 Lowest= 42

PRECIPITATION STATISTICS:

Total= 7.77 DFN= +3.41 Greatest Daily= 3.90 Rain Days= 11

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 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. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
06/ 1	75	-10	42	-19	59	-14	.00	86	59	73	9.99	999	0
06/ 2	81	-4	48	-13	65	-8	.00	89	64	77	9.99	999	0
06/ 3	85	-1	52	-9	69	-5	.00	90	68	79	9.99	999	0
06/ 4	89	3	58	-4	74	0	.00	93	70	82	9.99	999	0
06/ 5	89	3	59	-3	74	0	.00	95	72	84	9.99	999	0
06/ 6	92	6	63	1	78	4	.00	95	74	85	9.99	999	0
06/ 7	89	3	66	4	78	4	.00	91	75	83	9.99	999	0
06/ 8	90	3	66	4	78	3	.00	91	76	84	9.99	999	0
06/ 9	91	4	64	1	78	3	.00	93	76	85	9.99	999	0
06/10	91	4	63	0	77	2	.00	95	76	86	9.99	999	0
06/11	92	5	66	3	79	4	.00	97	77	87	9.99	999	0
06/12	91	3	64	1	78	2	.67	91	75	83	9.99	999	0
06/13	92	4	68	4	80	4	.25	90	74	82	9.99	999	0
06/14	93	5	67	3	80	4	.91	90	74	82	9.99	999	0
06/15	91	3	67	3	79	3	.59	92	74	83	9.99	999	0
06/16	91	3	68	4	80	4	.00	92	74	83	9.99	999	0
06/17	91	3	70	6	81	5	.00	92	76	84	9.99	999	0
06/18	92	3	68	3	80	3	.00	97	76	87	9.99	999	0
06/19	92	3	68	3	80	3	.00	100	77	89	9.99	999	0
06/20	95	6	70	5	83	6	.00	102	80	91	9.99	999	0
06/21	96	7	71	6	84	7	.00	104	81	93	9.99	999	0
06/22	92	3	69	4	81	4	1.00	95	78	87	9.99	999	0
06/23	89	0	68	3	79	2	.85	93	76	85	9.99	999	0
06/24	80	-9	68	2	74	-4	1.20	84	75	80	9.99	999	0
06/25	90	1	62	-4	76	-2	.00	91	72	82	9.99	999	0
06/26	88	-1	61	-5	75	-3	.00	90	72	81	9.99	999	0
06/27	86	-4	61	-5	74	-4	.00	93	72	83	9.99	999	0
06/28	89	-1	62	-4	76	-2	.00	97	75	86	9.99	999	0
06/29	89	-1	65	-1	77	-1	.00	95	78	87	9.99	999	0
06/30	86	-4	65	-1	76	-2	.05	94	78	86	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 89.2 Mean Minimum= 63.6 Average= 76.4
 DFN= +1.3 DFN= -.3 DFN= +.5
 Highest= 96 Lowest= 42

PRECIPITATION STATISTICS:

Total= 5.52 DFN= +2.14 Greatest Daily= 1.20 Rain Days= 8

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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 ALABAMA

1984

DATE	AIR TEMPERATURE					PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG		DFN	MAX	MIN				MEAN
07/ 1	82	-8	61	-5	72	-6	.03	90	74	82	9.99	999	0
07/ 2	85	-5	63	-4	74	-5	.00	93	74	84	9.99	999	0
07/ 3	87	-3	64	-3	76	-3	.00	94	76	85	9.99	999	0
07/ 4	92	2	66	-1	79	0	.00	97	77	87	9.99	999	0
07/ 5	93	3	68	1	81	2	.00	97	81	89	9.99	999	0
07/ 6	90	0	69	2	80	1	.01	95	79	87	9.99	999	0
07/ 7	90	0	68	1	79	0	.00	97	78	88	9.99	999	0
07/ 8	85	-5	67	0	76	-3	.97	88	75	82	9.99	999	0
07/ 9	87	-3	64	-3	76	-3	.00	91	74	83	9.99	999	0
07/10	90	0	66	-1	78	-1	.00	93	74	84	9.99	999	0
07/11	94	4	70	3	82	3	.00	98	77	88	9.99	999	0
07/12	93	3	71	4	82	3	.04	100	81	91	9.99	999	0
07/13	91	0	71	4	81	2	.48	100	81	91	9.99	999	0
07/14	89	-2	71	4	80	1	.00	94	78	86	9.99	999	0
07/15	90	-1	71	3	81	1	.00	95	78	87	9.99	999	0
07/16	91	0	70	2	81	1	.12	98	79	89	9.99	999	0
07/17	84	-7	70	2	77	-3	88.88	88	79	84	9.99	999	0
07/18	84	-7	68	0	76	-4	.92	86	76	81	9.99	999	0
07/19	84	-7	59	-9	72	-8	.00	90	70	80	9.99	999	0
07/20	86	-5	59	-9	73	-7	.00	93	70	82	9.99	999	0
07/21	89	-2	63	-5	76	-4	.00	96	73	85	9.99	999	0
07/22	90	-1	66	-2	78	-2	.00	97	78	88	9.99	999	0
07/23	91	0	64	-4	78	-2	.00	98	79	89	9.99	999	0
07/24	87	-4	64	-4	76	-4	.00	97	79	88	9.99	999	0
07/25	91	0	68	0	80	0	.00	94	79	87	9.99	999	0
07/26	92	1	69	1	81	1	.30	97	80	89	9.99	999	0
07/27	91	0	69	1	80	0	.00	94	80	87	9.99	999	0
07/28	80	-11	66	-1	73	-6	.12	87	76	82	9.99	999	0
07/29	84	-7	62	-5	73	-6	.00	86	73	80	9.99	999	0
07/30	86	-5	62	-5	74	-5	.58	90	73	82	9.99	999	0
07/31	73	-18	64	-3	69	-10	.75	77	71	74	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 87.8 Mean Minimum= 66.2 Average= 77.0
 DFN= -2.9 DFN= -1.2 DFN= -2.0
 Highest= 94 Lowest= 59

PRECIPITATION STATISTICS:

Total= 4.22 DFN= -.32 Greatest Daily= .92 Rain Days= 11

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE					PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG		DFN	MAX	MIN				MEAN
08/ 1	82	-9	66	-1	74	-5	.01	86	71	79	9.99	999	0
08/ 2	76	-15	68	1	72	-7	.42	79	74	77	9.99	999	0
08/ 3	80	-11	68	1	74	-5	.05	81	74	78	9.99	999	0
08/ 4	82	-9	68	1	75	-4	.11	83	74	79	9.99	999	0
08/ 5	87	-4	66	-1	77	-2	.21	88	74	81	9.99	999	0
08/ 6	83	-8	66	-1	75	-4	.38	87	73	80	9.99	999	0
08/ 7	85	-6	66	-1	76	-3	.01	87	73	80	9.99	999	0
08/ 8	87	-4	68	1	78	-1	.00	88	75	82	9.99	999	0
08/ 9	87	-4	70	3	79	0	.00	88	77	83	9.99	999	0
08/10	89	-2	67	0	78	-1	.02	94	77	86	9.99	999	0
08/11	86	-5	67	0	77	-2	.02	93	77	85	9.99	999	0
08/12	87	-4	66	-1	77	-2	.00	92	78	85	9.99	999	0
08/13	89	-2	67	1	78	-1	.00	93	78	86	9.99	999	0
08/14	90	-1	66	0	78	-1	.00	96	78	87	9.99	999	0
08/15	89	-2	67	1	78	-1	.00	95	80	88	9.99	999	0
08/16	85	-6	66	0	76	-3	88.88	90	79	85	9.99	999	0
08/17	89	-2	66	0	78	-1	.01	91	78	85	9.99	999	0
08/18	89	-2	64	-2	77	-2	.00	94	78	86	9.99	999	0
08/19	85	-6	66	0	76	-3	1.43	86	78	82	9.99	999	0
08/20	84	-7	65	-1	75	-4	.00	87	75	81	9.99	999	0
08/21	89	-1	65	-1	77	-1	.00	90	75	83	9.99	999	0
08/22	89	-1	67	2	78	0	.00	90	75	83	9.99	999	0
08/23	90	0	67	2	79	1	.37	92	77	85	9.99	999	0
08/24	87	-3	59	-6	73	-5	.00	89	71	80	9.99	999	0
08/25	84	-6	58	-7	71	-7	.00	88	71	80	9.99	999	0
08/26	87	-3	61	-4	74	-4	.00	90	71	81	9.99	999	0
08/27	90	0	63	-2	77	-1	.00	94	74	84	9.99	999	0
08/28	97	-2	69	4	78	1	.00	91	78	85	9.99	999	0
08/29	88	-1	67	2	78	1	.62	97	76	87	9.99	999	0
08/30	90	1	68	4	79	2	.00	90	76	83	9.99	999	0
08/31	81	-8	65	1	73	-4	.05	81	73	77	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 86.2 Mean Minimum= 65.9 Average= 76.0
 DFN= -4.3 DFN= -1 DFN= -2.2
 Highest= 90 Lowest= 58

PRECIPITATION STATISTICS:

Total= 4.21 DFN= +.98 Greatest Daily= 1.43 Rain Days= 14

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE Air Weather Service Center, Auburn University, AL

Daily Weather Observations for: BELLE MINA 1984
 ALABAMA

DATE	1 AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
09/ 1	91	3	57	-7	74	-2	.00	89	71	80	9.99	999	0
09/ 2	90	2	59	-5	75	-1	.00	90	71	81	9.99	999	0
09/ 3	92	4	64	0	78	2	.00	92	74	83	9.99	999	0
09/ 4	87	-1	60	-4	74	-2	.33	88	73	81	9.99	999	0
09/ 5	78	-9	52	-12	65	-11	.00	81	66	74	9.99	999	0
09/ 6	82	-5	50	-13	66	-9	.00	83	66	75	9.99	999	0
09/ 7	81	-6	51	-12	66	-9	.00	86	66	76	9.99	999	0
09/ 8	81	-6	56	-7	69	-6	.00	87	69	78	9.99	999	0
09/ 9	82	-5	59	-4	71	-4	.00	87	70	79	9.99	999	0
09/10	82	-4	60	-2	71	-3	.04	83	71	77	9.99	999	0
09/11	85	-1	64	2	75	1	.32	86	73	80	9.99	999	0
09/12	91	5	63	1	77	3	.00	87	72	80	9.99	999	0
09/13	93	8	63	1	78	4	.00	90	72	81	9.99	999	0
09/14	91	6	63	2	77	4	.00	93	74	84	9.99	999	0
09/15	93	8	69	3	81	8	.00	999	999	999	9.99	999	0
09/16	76	-9	53	-8	65	-8	.00	999	999	999	9.99	999	0
09/17	77	-7	50	-10	64	-8	.00	999	999	999	9.99	999	0
09/18	77	-7	48	-12	63	-9	.00	85	67	76	9.99	999	0
09/19	79	-5	50	-9	65	-7	.00	86	68	77	9.99	999	0
09/20	83	0	48	-11	66	-5	.00	87	68	78	9.99	999	0
09/21	87	4	49	-10	68	-3	.00	88	68	78	9.99	999	0
09/22	88	5	52	-6	70	-1	.00	88	70	79	9.99	999	0
09/23	88	5	61	3	75	4	.00	87	71	79	9.99	999	0
09/24	89	7	64	7	77	7	.00	88	74	81	9.99	999	0
09/25	88	6	60	3	74	4	.00	88	73	81	9.99	999	0
09/26	89	7	60	4	75	6	.00	90	73	82	9.99	999	0
09/27	72	-9	52	-4	62	-7	.00	81	69	75	9.99	999	0
09/28	83	2	53	-2	68	0	.00	84	67	76	9.99	999	0
09/29	67	-14	51	-4	59	-9	.00	75	67	71	9.99	999	0
09/30	71	-9	47	-7	59	-8	.00	72	63	68	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 83.3 Mean Minimum= 56.3 Average= 70.0
 DFN= -.3 DFN= -3.9 DFN= -2.4
 Highest= 93 Lowest= 47

PRECIPITATION STATISTICS:

Total= .69 DFN= -3.02 Greatest Daily= .33 Rain Days= 3

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: BELLE MINA
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
10/ 1	65	-15	37	-17	51	-16	.02	69	59	64	9.99	999	0
10/ 2	69	-11	32	-21	51	-16	.00	75	58	67	9.99	999	0
10/ 3	75	-4	32	-21	54	-12	.00	77	58	68	9.99	999	0
10/ 4	80	1	36	-16	58	-8	.00	78	59	69	9.99	999	0
10/ 5	82	3	45	-7	64	-2	.00	77	62	70	9.99	999	0
10/ 6	84	6	46	-5	65	0	.00	80	63	72	9.99	999	0
10/ 7	80	2	60	9	70	5	.00	75	67	71	9.99	999	0
10/ 8	81	3	63	13	72	8	.51	74	68	71	9.99	999	0
10/ 9	75	-2	60	10	68	4	.23	74	66	70	9.99	999	0
10/10	74	-3	57	7	66	2	.58	73	64	69	9.99	999	0
10/11	78	2	57	8	68	5	.03	74	63	69	9.99	999	0
10/12	83	7	55	6	69	6	.00	78	65	72	9.99	999	0
10/13	83	7	57	9	70	8	.00	79	65	72	9.99	999	0
10/14	84	9	55	7	70	8	.00	80	65	73	9.99	999	0
10/15	85	10	55	8	70	9	.00	80	65	73	9.99	999	0
10/16	81	6	60	13	71	10	.07	77	69	73	9.99	999	0
10/17	83	9	64	17	74	13	.92	78	68	73	9.99	999	0
10/18	75	1	63	17	69	9	.00	76	69	73	9.99	999	0
10/19	86	13	64	18	75	15	.00	80	69	75	9.99	999	0
10/20	82	9	64	19	73	14	.16	76	70	73	9.99	999	0
10/21	81	8	63	18	72	13	.40	77	70	74	9.99	999	0
10/22	71	-1	63	18	67	8	.40	73	68	71	9.99	999	0
10/23	70	-2	59	15	65	7	2.65	71	68	70	9.99	999	0
10/24	68	-4	57	13	63	5	.25	71	65	68	9.99	999	0
10/25	73	2	58	14	66	8	.00	74	65	70	9.99	999	0
10/26	83	12	57	14	70	13	.00	77	65	71	9.99	999	0
10/27	83	13	56	13	70	13	.00	78	65	72	9.99	999	0
10/28	78	8	56	13	67	10	.11	72	64	68	9.99	999	0
10/29	79	10	65	22	72	16	.36	77	69	73	9.99	999	0
10/30	81	12	58	16	70	14	.03	78	66	72	9.99	999	0
10/31	84	15	57	15	71	15	.00	81	65	73	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 78.6 Mean Minimum= 55.2 Average= 66.9
 DFN= +4.1 DFN= +7.9 DFN= +6.0
 Highest= 86 Lowest= 32

PRECIPITATION STATISTICS:

Total= 6.72 DFN= +3.78 Greatest Daily= 2.65 Rain Days= 15

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 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. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for BELLE MINA ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
11/ 1	84	16	57	15	71	16	.00	79	65	72	9.99	999	0
11/ 2	71	3	52	11	62	7	.44	71	65	68	9.99	999	0
11/ 3	60	-7	43	2	52	-2	.01	66	55	61	9.99	999	0
11/ 4	69	2	43	2	56	2	.05	67	55	61	9.99	999	0
11/ 5	58	-9	56	15	57	3	.07	61	59	60	9.99	999	0
11/ 6	67	1	40	0	54	1	.01	70	52	61	9.99	999	0
11/ 7	60	-6	31	-9	46	-7	.00	65	49	57	9.99	999	0
11/ 8	61	-5	32	-8	47	-6	.00	61	48	55	9.99	999	0
11/ 9	67	2	37	-3	52	-1	.00	62	48	55	9.99	999	0
11/10	70	5	46	7	58	6	.15	65	52	59	9.99	999	0
11/11	66	2	40	1	53	1	1.18	63	50	57	9.99	999	0
11/12	44	-20	37	-2	41	-11	.02	52	46	49	9.99	999	0
11/13	49	-15	25	-14	37	-15	.00	57	41	49	9.99	999	0
11/14	55	-8	26	-12	41	-10	.00	57	41	49	9.99	999	0
11/15	65	2	30	-8	48	-3	.00	58	42	50	9.99	999	0
11/16	62	-1	43	5	53	2	.56	56	48	52	9.99	999	0
11/17	57	-5	27	-11	42	-8	.00	61	42	52	9.99	999	0
11/18	57	-5	29	-9	43	-7	.00	57	42	50	9.99	999	0
11/19	68	7	46	9	57	8	.53	60	50	55	9.99	999	0
11/20	47	-14	31	-6	39	-10	.01	57	43	50	9.99	999	0
11/21	47	-14	28	-9	38	-11	.00	52	39	46	9.99	999	0
11/22	49	-11	24	-13	37	-12	.00	49	38	44	9.99	999	0
11/23	53	-7	24	-13	39	-10	.00	51	38	45	9.99	999	0
11/24	59	-1	24	-12	42	-6	.00	52	38	45	9.99	999	0
11/25	65	6	24	-12	45	-3	.00	55	38	47	9.99	999	0
11/26	69	10	36	0	53	5	.00	58	43	51	9.99	999	0
11/27	70	11	48	12	59	11	98.98	57	46	52	9.99	999	0
11/28	65	7	39	4	52	5	2.70	58	49	54	9.99	999	0
11/29	49	-9	29	-6	39	-8	.00	57	41	49	9.99	999	0
11/30	57	-1	29	-6	43	-4	.02	54	41	48	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 60.7 Mean Minimum= 35.9 Average= 48.3
 DFN= -2.1 DFN= -2.3 DFN= -2.2
 Highest= 84 Lowest= 24

PRECIPITATION STATISTICS:

Total= 5.75 DFN= +1.36 Greatest Daily= 2.70 Rain Days= 13

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 98.98 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. A '0' indicates no solar data available.

National Weather Service
 SE Area Weather Service Center, Auburn University, AL

Daily Weather Observations for: BELLE MINA ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
12/ 1	55	-3	34	-1	45	-2	.33	53	44	49	9.99	999	0
12/ 2	59	1	36	1	47	1	.00	57	43	50	9.99	999	0
12/ 3	56	-1	42	7	49	3	.81	52	44	48	9.99	999	0
12/ 4	49	-8	28	-6	39	-7	.00	56	39	48	9.99	999	0
12/ 5	39	-19	29	-5	34	-11	.07	42	39	41	9.99	999	0
12/ 6	42	-14	31	-3	37	-8	.27	44	40	42	9.99	999	0
12/ 7	36	-20	14	-20	25	-20	88.88	45	34	40	9.99	999	0
12/ 8	42	-14	14	-20	28	-17	.00	40	34	37	9.99	999	0
12/ 9	58	3	28	-6	43	-2	.00	47	35	41	9.99	999	0
12/10	64	9	34	1	49	5	.00	52	38	45	9.99	999	0
12/11	62	7	40	7	51	7	.00	58	47	53	9.99	999	0
12/12	48	-6	36	3	42	-2	.00	51	44	48	9.99	999	0
12/13	68	14	45	12	57	13	88.88	55	43	49	9.99	999	0
12/14	69	15	53	20	61	17	.00	59	53	56	9.99	999	0
12/15	78	24	48	15	63	19	.00	64	51	58	9.99	999	0
12/16	74	20	50	18	62	19	.00	61	51	56	9.99	999	0
12/17	75	22	57	25	66	23	.00	62	54	58	9.99	999	0
12/18	67	14	49	17	58	15	.03	61	55	58	9.99	999	0
12/19	72	19	52	20	62	19	.00	63	54	59	9.99	999	0
12/20	67	14	56	24	62	19	.77	61	56	59	9.99	999	0
12/21	65	12	56	24	61	18	.21	63	59	61	9.99	999	0
12/22	70	18	47	15	59	17	.22	64	55	60	9.99	999	0
12/23	59	7	33	1	46	4	.00	63	46	55	9.99	999	0
12/24	61	9	33	2	47	5	.10	57	46	52	9.99	999	0
12/25	68	16	32	1	50	8	.30	59	48	54	9.99	999	0
12/26	46	-6	29	-2	38	-4	.00	53	40	47	9.99	999	0
12/27	65	14	30	-1	48	7	.00	56	40	48	9.99	999	0
12/28	66	15	50	19	58	17	.00	58	50	54	9.99	999	0
12/29	72	21	51	20	62	21	.00	63	51	57	9.99	999	0
12/30	69	18	57	26	63	22	.01	62	55	59	9.99	999	0
12/31	74	23	57	26	66	25	88.88	66	58	62	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 61.1 Mean Minimum= 40.4 Average= 50.7
 DFN= +7.3 DFN= +7.7 DFN= +7.5
 Highest= 78 Lowest= 14

PRECIPITATION STATISTICS:

Total= 3.12 DFN= -2.25 Greatest Daily= .81 Rain Days= 11

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: SAND MOUNTAIN ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
01/ 1	41	-9	9	-22	25	-16	.00	30	29	30	9.99	999	0
01/ 2	48	-2	24	-7	36	-5	.00	31	31	31	9.99	999	0
01/ 3	44	-5	22	-9	33	-7	.00	31	31	31	9.99	999	0
01/ 4	49	0	23	-9	36	-4	.00	31	30	31	9.99	999	0
01/ 5	51	2	25	-6	38	-2	88.88	34	31	33	9.99	999	0
01/ 6	54	5	32	1	43	3	.00	43	34	39	9.99	999	0
01/ 7	58	9	26	-5	42	2	.00	46	35	41	9.99	999	0
01/ 8	50	1	27	-4	39	-1	.00	44	35	40	9.99	999	0
01/ 9	60	11	29	-1	45	5	.00	47	35	41	9.99	999	0
01/10	64	15	38	9	51	11	.72	47	36	42	9.99	999	0
01/11	47	-2	18	-12	33	-7	1.05	44	36	40	9.99	999	0
01/12	37	-12	18	-12	28	-12	.00	38	35	37	9.99	999	0
01/13	47	-2	25	-5	36	-4	.00	38	34	36	9.99	999	0
01/14	43	-6	30	0	37	-3	.00	40	35	38	9.99	999	0
01/15	44	-5	28	-2	36	-4	1.00	43	36	40	9.99	999	0
01/16	37	-12	29	-1	33	-7	.10	38	36	37	9.99	999	0
01/17	39	-10	30	0	35	-5	.00	42	37	40	9.99	999	0
01/18	45	-4	30	0	38	-2	.72	45	38	42	9.99	999	0
01/19	39	-10	17	-13	28	-12	.07	42	36	39	9.99	999	0
01/20	26	-23	12	-18	19	-21	.00	36	34	35	9.99	999	0
01/21	31	-18	8	-22	20	-20	.00	33	33	33	9.99	999	0
01/22	28	-21	8	-22	18	-22	.00	34	33	34	9.99	999	0
01/23	43	-6	19	-11	31	-9	.00	33	32	33	9.99	999	0
01/24	42	-8	31	1	37	-3	.79	32	32	32	9.99	999	0
01/25	47	-3	41	11	44	4	.04	39	32	36	9.99	999	0
01/26	45	-5	24	-6	35	-5	.00	44	36	40	9.99	999	0
01/27	58	8	24	-6	41	1	.00	46	35	41	9.99	999	0
01/28	55	5	30	-1	43	2	.00	49	39	44	9.99	999	0
01/29	48	-2	30	-1	39	-2	.00	46	39	43	9.99	999	0
01/30	54	3	34	3	44	3	.00	48	38	43	9.99	999	0
01/31	49	-2	23	-8	36	-5	.00	43	36	40	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 45.9 Mean Minimum= 24.6 Average= 35.3
 DFN= -3.5 DFN= -5.7 DFN= -4.6
 Highest= 64 Lowest= 8

PRECIPITATION STATISTICS:

Total= 4.49 DFN= -.73 Greatest Daily= 1.05 Rain Days= 8

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: SAND MOUNTAIN 1984
 ALABAMA

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG SOLAR		
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN	EVAP	WET	ENERGY
02/ 1	40	-11	22	-9	31	-10	.00	42	35	39	9.99	999	0
02/ 2	56	5	26	-5	41	0	.00	46	35	41	9.99	999	0
02/ 3	62	11	32	1	47	6	.10	47	36	42	9.99	999	0
02/ 4	50	-2	27	-4	39	-3	.00	45	38	42	9.99	999	0
02/ 5	53	1	27	-4	40	-2	.00	47	37	42	9.99	999	0
02/ 6	47	-5	13	-19	30	-12	.05	43	37	40	9.99	999	0
02/ 7	28	-24	14	-17	21	-21	.00	39	35	37	9.99	999	0
02/ 8	37	-15	15	-16	26	-16	.00	37	34	36	9.99	999	0
02/ 9	54	1	19	-12	37	-5	.00	43	34	39	9.99	999	0
02/10	60	7	32	1	46	4	.00	48	35	42	9.99	999	0
02/11	54	1	46	14	50	7	.70	46	42	44	9.99	999	0
02/12	66	13	49	17	58	15	88.88	54	43	49	9.99	999	0
02/13	71	19	53	21	62	19	.64	57	46	52	9.99	999	0
02/14	61	7	43	11	52	9	.20	54	48	51	9.99	999	0
02/15	61	7	32	0	47	4	.00	57	43	50	9.99	999	0
02/16	69	15	35	3	52	9	.00	57	43	50	9.99	999	0
02/17	70	16	43	10	57	13	.00	56	45	51	9.99	999	0
02/18	67	12	39	6	53	9	.00	57	45	51	9.99	999	0
02/19	73	18	44	11	59	15	.00	57	45	51	9.99	999	0
02/20	64	9	37	4	51	7	.03	55	46	51	9.99	999	0
02/21	55	0	33	0	44	0	.00	54	43	49	9.99	999	0
02/22	60	4	34	0	47	2	.00	60	43	52	9.99	999	0
02/23	52	-4	41	7	47	2	.32	47	42	45	9.99	999	0
02/24	60	4	41	7	51	6	.00	55	44	50	9.99	999	0
02/25	65	9	32	-2	49	4	.10	53	41	47	9.99	999	0
02/26	63	6	32	-2	48	2	.00	53	40	47	9.99	999	0
02/27	60	3	37	2	49	3	1.36	52	40	46	9.99	999	0
02/28	55	-2	25	-10	40	-6	.08	49	40	45	9.99	999	0
02/29	32	-25	25	-10	29	-17	.02	40	38	39	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 56.7 Mean Minimum= 32.7 Average= 44.7
 DFN= +2.7 DFN= +.2 DFN= +1.5
 Highest= 73 Lowest= 13

PRECIPITATION STATISTICS:

Total= 3.60 DFN= -1.49 Greatest Daily= 1.36 Rain Days= 11

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
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Daily Weather Observations for: SAND MOUNTAIN 1984
 ALABAMA

DATE	AIR TEMPERATURE					PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY		
	MAX	DFN	MIN	DFN	AVG		DFN	MAX	MIN			MEAN	EVAP
03/ 1	35	-22	21	-14	29	-18	.02	39	36	38	9.99	999	0
03/ 2	48	-10	22	-14	35	-12	.00	47	36	42	9.99	999	0
03/ 3	61	3	32	-4	47	0	.00	52	38	45	9.99	999	0
03/ 4	65	7	34	-2	50	3	.00	55	39	47	9.99	999	0
03/ 5	69	11	47	11	58	11	.57	54	44	49	9.99	999	0
03/ 6	61	2	35	-2	48	0	.24	51	46	49	9.99	999	0
03/ 7	42	-17	26	-11	34	-14	88.88	48	38	43	9.99	999	0
03/ 8	49	-10	28	-9	39	-9	.00	51	38	45	9.99	999	0
03/ 9	63	3	20	-18	42	-7	.00	53	37	45	9.99	999	0
03/10	42	-18	22	-16	32	-17	.00	48	37	43	9.99	999	0
03/11	41	-19	26	-12	34	-15	.00	44	37	41	9.99	999	0
03/12	50	-11	31	-7	41	-9	.00	51	38	45	9.99	999	0
03/13	61	0	37	-2	49	-1	.00	47	39	43	9.99	999	0
03/14	68	7	34	-5	51	1	.00	57	43	50	9.99	999	0
03/15	75	14	36	-3	56	6	.00	61	43	52	9.99	999	0
03/16	80	18	54	14	67	16	.73	62	48	55	9.99	999	0
03/17	72	10	53	13	63	12	.13	62	54	58	9.99	999	0
03/18	65	3	54	14	60	9	.00	60	54	57	9.99	999	0
03/19	80	17	53	13	67	15	.00	67	56	62	9.99	999	0
03/20	76	13	56	15	66	14	.70	65	57	61	9.99	999	0
03/21	59	-5	34	-7	47	-6	.39	58	46	52	9.99	999	0
03/22	55	-9	34	-7	45	-8	.00	54	43	49	9.99	999	0
03/23	66	2	41	-1	54	1	.00	57	43	50	9.99	999	0
03/24	70	5	46	4	58	4	.00	61	47	54	9.99	999	0
03/25	70	5	45	3	58	4	.18	57	48	53	9.99	999	0
03/26	57	-8	37	-6	47	-7	.00	58	48	53	9.99	999	0
03/27	61	-5	41	-2	51	-4	.00	60	48	54	9.99	999	0
03/28	67	1	52	9	60	5	1.15	59	51	55	9.99	999	0
03/29	63	-4	42	-1	53	-2	1.19	76	49	63	9.99	999	0
03/30	48	-19	32	-12	40	-16	.00	53	43	48	9.99	999	0
03/31	55	-12	31	-13	43	-13	.00	57	43	50	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 60.5 Mean Minimum= 37.3 Average= 48.9
 DFN= -1.5 DFN= -2.3 DFN= -1.9
 Highest= 80 Lowest= 20

PRECIPITATION STATISTICS:

Total= 5.30 DFN= -1.38 Greatest Daily= 1.19 Rain Days= 10

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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Daily Weather Observations for: SAND MOUNTAIN ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
04/ 1	57	-11	31	-13	44	-12	.00	57	43	50	9.99	999	0
04/ 2	61	-7	34	-11	48	-9	.00	60	43	52	9.99	999	0
04/ 3	70	2	46	1	58	1	.80	62	43	53	9.99	999	0
04/ 4	67	-2	52	7	60	3	.47	59	52	56	9.99	999	0
04/ 5	67	-2	43	-3	55	-3	88.88	65	50	58	9.99	999	0
04/ 6	52	-18	37	-9	45	-13	.00	52	46	49	9.99	999	0
04/ 7	63	-7	41	-5	52	-6	.00	59	46	53	9.99	999	0
04/ 8	69	-1	48	1	59	0	.00	60	46	53	9.99	999	0
04/ 9	67	-4	50	3	59	0	.69	57	52	55	9.99	999	0
04/10	58	-13	44	-3	51	-8	.46	57	51	54	9.99	999	0
04/11	60	-11	45	-3	53	-7	.00	60	51	56	9.99	999	0
04/12	70	-2	45	-3	58	-2	.00	65	51	58	9.99	999	0
04/13	73	1	50	2	62	2	.00	67	53	60	9.99	999	0
04/14	78	6	54	6	66	6	.00	69	51	60	9.99	999	0
04/15	70	-3	39	-10	55	-6	88.88	66	52	59	9.99	999	0
04/16	60	-13	40	-9	50	-11	.00	59	50	55	9.99	999	0
04/17	58	-15	43	-6	51	-10	.12	57	50	54	9.99	999	0
04/18	53	-20	36	-13	45	-16	.03	56	46	51	9.99	999	0
04/19	67	-7	42	-8	55	-7	.37	63	46	55	9.99	999	0
04/20	59	-15	44	-6	52	-10	.69	55	50	53	9.99	999	0
04/21	59	-15	43	-2	54	-8	88.88	56	51	54	9.99	999	0
04/22	73	-1	51	1	62	0	.15	67	53	60	9.99	999	0
04/23	73	-2	46	-5	60	-3	.00	66	54	60	9.99	999	0
04/24	58	-17	43	-8	51	-12	.00	58	51	55	9.99	999	0
04/25	70	-5	47	-4	59	-4	.00	65	51	58	9.99	999	0
04/26	84	9	52	1	68	5	.00	71	52	62	9.99	999	0
04/27	83	8	59	7	71	7	1.19	71	56	64	9.99	999	0
04/28	78	2	63	11	71	7	.17	71	61	66	9.99	999	0
04/29	73	-3	60	8	67	3	.55	72	63	68	9.99	999	0
04/30	77	1	62	10	70	6	.02	71	64	68	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 66.9 Mean Minimum= 46.5 Average= 56.7
 DFN= -5.5 DFN= -2.1 DFN= -3.8
 Highest= 84 Lowest= 31

PRECIPITATION STATISTICS:

Total= 5.71 DFN= +.38 Greatest Daily= 1.19 Rain Days= 13

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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 ALABAMA

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
05/ 1	73	-3	42	-11	58	-7	.00	69	56	63	9.99	999	0
05/ 2	77	1	45	-8	61	-4	.02	73	56	65	9.99	999	0
05/ 3	66	-10	55	2	61	-4	3.35	65	60	63	9.99	999	0
05/ 4	74	-3	54	1	64	-1	.59	71	61	66	9.99	999	0
05/ 5	70	-7	50	-4	60	-6	.00	72	59	66	9.99	999	0
05/ 6	79	2	56	2	68	2	.00	74	56	65	9.99	999	0
05/ 7	84	7	70	16	77	11	.00	75	66	71	9.99	999	0
05/ 8	85	8	60	6	73	7	1.54	78	66	72	9.99	999	0
05/ 9	65	-12	42	-12	54	-12	.08	67	55	61	9.99	999	0
05/10	65	-13	40	-15	53	-14	.00	68	54	61	9.99	999	0
05/11	75	-3	46	-9	61	-6	.00	74	54	64	9.99	999	0
05/12	79	1	57	2	68	1	.00	75	59	67	9.99	999	0
05/13	81	3	59	4	70	3	.00	76	62	69	9.99	999	0
05/14	83	5	63	7	73	6	88.88	78	66	72	9.99	999	0
05/15	82	3	47	-9	65	-3	.00	81	61	71	9.99	999	0
05/16	72	-7	46	-10	59	-9	.00	79	60	70	9.99	999	0
05/17	75	-4	46	-10	61	-7	.00	80	60	70	9.99	999	0
05/18	75	-4	47	-10	61	-7	.00	80	60	70	9.99	999	0
05/19	82	3	54	-3	68	0	.00	83	61	72	9.99	999	0
05/20	83	3	56	-1	70	1	.00	83	64	74	9.99	999	0
05/21	80	0	64	7	72	3	.00	81	66	74	9.99	999	0
05/22	81	1	62	4	72	3	.24	81	67	74	9.99	999	0
05/23	79	-1	65	7	72	3	88.88	76	68	72	9.99	999	0
05/24	78	-3	52	-6	65	-5	88.88	75	62	69	9.99	999	0
05/25	83	2	58	0	71	1	.00	82	62	72	9.99	999	0
05/26	85	4	65	6	75	5	.00	84	63	74	9.99	999	0
05/27	87	6	63	4	75	5	.67	84	65	75	9.99	999	0
05/28	84	3	64	5	74	4	.09	86	70	78	9.99	999	0
05/29	80	-2	55	-4	68	-3	.40	78	68	73	9.99	999	0
05/30	59	-23	40	-20	50	-21	.00	67	56	62	9.99	999	0
05/31	65	-17	40	-20	53	-18	.00	69	55	62	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 77.0 Mean Minimum= 53.6 Average= 65.3
 DFN= -1.9 DFN= -2.5 DFN= -2.2
 Highest= 87 Lowest= 40

PRECIPITATION STATISTICS:

Total= 6.98 DFN= +2.47 Greatest Daily= 3.35 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

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 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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Daily Weather Observations for: SAND MOUNTAIN ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
06/ 1	73	-9	45	-15	59	-12	.00	74	56	65	9.99	999	0
06/ 2	79	-5	51	-9	65	-7	.00	80	58	69	9.99	999	0
06/ 3	83	0	54	-7	69	-3	.00	81	62	72	9.99	999	0
06/ 4	85	2	57	-4	71	-1	.00	86	65	76	9.99	999	0
06/ 5	87	4	62	1	75	3	.00	88	67	78	9.99	999	0
06/ 6	88	4	65	4	77	4	.00	89	69	79	9.99	999	0
06/ 7	85	1	67	5	76	3	.00	85	70	78	9.99	999	0
06/ 8	88	4	66	4	77	4	.00	89	72	81	9.99	999	0
06/ 9	89	5	62	0	76	3	.00	90	72	81	9.99	999	0
06/10	88	4	63	1	76	3	.00	89	72	81	9.99	999	0
06/11	90	5	64	2	77	3	.00	90	73	82	9.99	999	0
06/12	92	7	65	2	79	5	.00	90	73	82	9.99	999	0
06/13	92	7	65	2	79	5	.00	93	74	84	9.99	999	0
06/14	92	7	67	4	80	6	.00	94	75	85	9.99	999	0
06/15	92	7	64	1	78	4	.62	92	73	83	9.99	999	0
06/16	89	3	67	4	78	3	.00	87	73	80	9.99	999	0
06/17	89	3	67	3	78	3	.00	87	74	81	9.99	999	0
06/18	90	4	65	1	78	3	.00	91	74	83	9.99	999	0
06/19	90	4	67	3	79	4	.00	91	74	83	9.99	999	0
06/20	94	8	68	4	81	6	.00	92	75	84	9.99	999	0
06/21	96	10	68	4	82	7	.00	95	76	86	9.99	999	0
06/22	92	6	67	3	80	5	.05	91	75	83	9.99	999	0
06/23	90	4	65	0	79	2	.80	91	74	83	9.99	999	0
06/24	85	-2	67	2	76	0	88.88	86	74	80	9.99	999	0
06/25	86	-1	61	-4	74	-2	.00	84	71	78	9.99	999	0
06/26	85	-2	57	-8	71	-5	.00	88	71	80	9.99	999	0
06/27	87	0	62	-3	75	-1	.00	89	71	80	9.99	999	0
06/28	89	2	62	-3	76	0	.00	89	74	82	9.99	999	0
06/29	90	3	65	0	78	2	.00	88	74	81	9.99	999	0
06/30	86	-1	64	-1	75	-1	.26	87	74	81	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 88.0 Mean Minimum= 63.0 Average= 75.5
 DFN= +2.8 DFN= -.1 DFN= +1.3
 Highest= 96 Lowest= 45

PRECIPITATION STATISTICS:

Total= 1.73 DFN= -2.04 Greatest Daily= .80 Rain Days= 4

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

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 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
07/ 1	83	-4	59	-6	71	-5	.03	84	71	78	9.99	999	0
07/ 2	84	-3	61	-5	73	-4	.00	85	71	78	9.99	999	0
07/ 3	85	-2	64	-2	75	-2	.00	87	72	80	9.99	999	0
07/ 4	90	3	69	3	80	3	.00	90	73	82	9.99	999	0
07/ 5	89	2	65	-1	77	0	.14	82	75	79	9.99	999	0
07/ 6	91	4	66	0	79	2	.18	86	73	80	9.99	999	0
07/ 7	88	0	66	0	77	0	88.88	87	73	80	9.99	999	0
07/ 8	84	-4	64	-2	74	-3	.22	83	72	78	9.99	999	0
07/ 9	85	-3	61	-5	73	-4	.00	85	71	78	9.99	999	0
07/10	90	2	66	0	78	1	.00	88	71	80	9.99	999	0
07/11	92	4	69	3	81	4	.00	90	74	82	9.99	999	0
07/12	93	5	70	4	82	5	.00	91	78	85	9.99	999	0
07/13	91	3	67	1	79	2	.00	90	78	84	9.99	999	0
07/14	88	0	68	2	78	1	.47	88	76	82	9.99	999	0
07/15	88	0	69	3	79	2	.00	86	76	81	9.99	999	0
07/16	90	2	68	2	79	2	.23	88	77	83	9.99	999	0
07/17	86	-2	68	2	77	0	.42	85	76	81	9.99	999	0
07/18	83	-5	68	2	76	-1	1.26	84	74	79	9.99	999	0
07/19	84	-4	58	-8	71	-6	.00	84	70	77	9.99	999	0
07/20	86	-2	64	-2	75	-2	.00	87	70	79	9.99	999	0
07/21	87	-1	64	-3	76	-2	.00	87	73	80	9.99	999	0
07/22	88	0	64	-3	76	-2	.00	90	74	82	9.99	999	0
07/23	90	2	60	-7	75	-3	.67	92	72	82	9.99	999	0
07/24	90	2	60	-7	75	-3	.00	85	73	79	9.99	999	0
07/25	89	1	67	0	78	0	.00	88	75	82	9.99	999	0
07/26	89	1	68	1	79	1	88.88	85	75	80	9.99	999	0
07/27	91	3	70	3	81	3	.00	90	75	83	9.99	999	0
07/28	84	-4	65	-1	75	-2	.66	86	75	81	9.99	999	0
07/29	79	-9	62	-4	71	-6	1.04	80	73	77	9.99	999	0
07/30	82	-6	62	-4	72	-5	.44	83	73	78	9.99	999	0
07/31	68	-20	62	-4	65	-12	2.54	73	71	72	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 86.7 Mean Minimum= 65.0 Average= 75.8
 DFN= -1.1 DFN= -1.2 DFN= -1.2
 Highest= 93 Lowest= 58

PRECIPITATION STATISTICS:

Total= 8.30 DFN= +4.32 Greatest Daily= 2.54 Rain Days= 13

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wettings is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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Daily Weather Observations for: SAND MOUNTAIN ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
08/ 1	77	-11	65	-1	71	-6	.93	79	71	75	9.99	999	0
08/ 2	75	-13	67	1	71	-6	.33	78	73	76	9.99	999	0
08/ 3	74	-15	67	1	71	-7	.06	77	73	75	9.99	999	0
08/ 4	85	-4	65	-1	75	-3	.81	84	73	79	9.99	999	0
08/ 5	86	-3	66	0	76	-2	.35	86	73	80	9.99	999	0
08/ 6	82	-7	65	-1	74	-4	.04	83	74	79	9.99	999	0
08/ 7	86	-3	67	1	77	-1	.00	86	74	80	9.99	999	0
08/ 8	86	-2	68	2	77	0	.00	85	74	80	9.99	999	0
08/ 9	85	-3	70	4	78	1	.00	86	76	81	9.99	999	0
08/10	88	0	65	-1	77	0	.20	87	75	81	9.99	999	0
08/11	85	-3	68	2	77	0	.00	86	75	81	9.99	999	0
08/12	84	-4	65	-1	75	-2	.14	83	74	79	9.99	999	0
08/13	86	-2	66	0	76	-1	.00	85	75	80	9.99	999	0
08/14	87	-1	65	-1	76	-1	.00	86	75	81	9.99	999	0
08/15	87	-1	66	0	77	0	.00	87	75	81	9.99	999	0
08/16	86	-2	66	0	76	-1	.00	87	75	81	9.99	999	0
08/17	87	-1	66	1	77	0	.00	87	76	82	9.99	999	0
08/18	88	0	61	-4	75	-2	.00	88	75	82	9.99	999	0
08/19	87	-1	65	0	76	-1	.08	85	75	80	9.99	999	0
08/20	84	-4	62	-3	73	-4	.02	83	74	79	9.99	999	0
08/21	88	0	63	-2	76	-1	.00	86	74	80	9.99	999	0
08/22	88	0	65	0	77	0	.00	88	75	82	9.99	999	0
08/23	87	0	68	3	78	2	.27	87	75	81	9.99	999	0
08/24	85	-2	57	-8	71	-5	.00	84	72	78	9.99	999	0
08/25	85	-2	56	-9	71	-5	.00	83	71	77	9.99	999	0
08/26	87	0	64	-1	76	0	.00	84	71	78	9.99	999	0
08/27	87	0	65	0	76	0	.02	87	74	81	9.99	999	0
08/28	85	-2	66	2	76	0	.00	84	74	79	9.99	999	0
08/29	85	-2	65	1	75	-1	.17	84	74	79	9.99	999	0
08/30	84	-2	64	0	74	-1	.00	82	73	78	9.99	999	0
08/31	83	-3	62	-2	73	-2	.22	80	73	77	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 84.8 Mean Minimum= 64.8 Average= 74.8
 DFN= -3.0 DFN= -.5 DFN= -1.8
 Highest= 88 Lowest= 56

PRECIPITATION STATISTICS:

Total= 3.64 DFN= +.41 Greatest Daily= .93 Rain Days= 14

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: SAND MOUNTAIN ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
09/ 1	87	1	54	-10	71	-4	.00	83	70	77	9.99	999	0
09/ 2	89	3	56	-8	73	-2	.00	84	70	77	9.99	999	0
09/ 3	89	3	65	1	77	2	.00	87	73	80	9.99	999	0
09/ 4	88	2	62	-1	75	0	.11	85	73	79	9.99	999	0
09/ 5	77	-8	51	-12	64	-10	.00	80	68	74	9.99	999	0
09/ 6	79	-6	49	-14	64	-10	.00	82	68	75	9.99	999	0
09/ 7	81	-4	51	-12	66	-8	.00	84	68	76	9.99	999	0
09/ 8	80	-5	53	-10	67	-7	.00	81	68	75	9.99	999	0
09/ 9	80	-4	54	-8	67	-6	.00	80	68	74	9.99	999	0
09/10	83	-1	59	-3	71	-2	.04	83	68	76	9.99	999	0
09/11	85	1	62	0	74	1	.00	82	72	77	9.99	999	0
09/12	89	5	60	-2	75	2	.00	84	72	78	9.99	999	0
09/13	90	7	60	-1	75	3	.00	87	72	80	9.99	999	0
09/14	90	7	60	-1	75	3	.00	87	73	80	9.99	999	0
09/15	92	9	60	-1	76	4	.00	88	73	81	9.99	999	0
09/16	78	-5	49	-12	64	-8	.00	85	69	77	9.99	999	0
09/17	78	-4	52	-8	65	-6	.00	82	68	75	9.99	999	0
09/18	76	-6	53	-7	65	-6	.00	82	68	75	9.99	999	0
09/19	78	-4	46	-13	62	-9	.00	83	67	75	9.99	999	0
09/20	81	-1	47	-12	64	-7	.00	83	67	75	9.99	999	0
09/21	85	4	47	-12	66	-4	.00	83	67	75	9.99	999	0
09/22	88	7	51	-7	70	0	.00	84	67	76	9.99	999	0
09/23	87	6	60	2	74	4	.00	84	68	76	9.99	999	0
09/24	87	7	60	2	74	5	.00	83	71	77	9.99	999	0
09/25	85	5	59	2	72	3	.00	83	71	77	9.99	999	0
09/26	89	9	55	-2	72	3	.00	85	70	78	9.99	999	0
09/27	78	-1	49	-7	64	-4	.00	80	68	74	9.99	999	0
09/28	84	5	50	-6	67	-1	.00	80	68	74	9.99	999	0
09/29	74	-5	52	-3	63	-4	.00	75	68	72	9.99	999	0
09/30	61	-17	50	-5	56	-11	.00	70	65	68	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 82.9 Mean Minimum= 54.5 Average= 68.7
 DFN= +.3 DFN= -5.7 DFN= -2.7
 Highest= 92 Lowest= 46

PRECIPITATION STATISTICS:

Total= .15 DFN= -4.48 Greatest Daily= .11 Rain Days= 2

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
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Daily Weather Observations for: SAND MOUNTAIN 1984
 ALABAMA

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
10/ 1	67	-11	40	-14	54	-12	.05	73	59	66	9.99	999	0
10/ 2	65	-13	31	-23	48	-18	.00	72	57	65	9.99	999	0
10/ 3	71	-6	32	-21	52	-13	.00	73	57	65	9.99	999	0
10/ 4	78	1	36	-17	57	-8	.00	74	57	66	9.99	999	0
10/ 5	80	3	43	-9	62	-3	.00	74	61	68	9.99	999	0
10/ 6	81	5	45	-7	63	-1	.00	75	62	69	9.99	999	0
10/ 7	80	4	58	7	69	5	.00	73	64	69	9.99	999	0
10/ 8	79	4	60	9	70	7	.11	76	66	71	9.99	999	0
10/ 9	70	-5	59	8	65	2	.52	70	67	69	9.99	999	0
10/10	68	-7	56	6	62	-1	.21	69	63	66	9.99	999	0
10/11	79	5	56	6	68	6	88.88	74	63	69	9.99	999	0
10/12	81	7	53	4	67	5	.00	77	65	71	9.99	999	0
10/13	82	8	53	4	68	6	.00	76	64	70	9.99	999	0
10/14	83	10	52	4	68	7	.00	75	63	69	9.99	999	0
10/15	84	11	59	11	72	11	.00	76	63	70	9.99	999	0
10/16	78	5	61	13	70	9	.03	73	67	70	9.99	999	0
10/17	81	9	61	14	71	11	.40	75	68	72	9.99	999	0
10/18	75	3	58	11	67	7	.00	73	66	70	9.99	999	0
10/19	85	14	59	13	72	13	.00	76	66	71	9.99	999	0
10/20	82	11	61	15	72	13	1.21	74	68	71	9.99	999	0
10/21	80	9	62	16	71	12	.00	73	68	71	9.99	999	0
10/22	69	-1	61	16	65	7	.59	69	67	68	9.99	999	0
10/23	70	0	61	16	66	8	.73	70	67	69	9.99	999	0
10/24	75	5	59	14	67	9	1.11	72	67	70	9.99	999	0
10/25	77	8	60	16	69	12	.00	73	67	70	9.99	999	0
10/26	81	12	56	12	69	12	.00	76	65	71	9.99	999	0
10/27	81	13	56	12	69	13	.00	73	65	69	9.99	999	0
10/28	77	9	60	16	69	13	.06	72	65	69	9.99	999	0
10/29	75	7	62	19	69	13	.07	72	68	70	9.99	999	0
10/30	81	14	56	13	69	14	.00	75	66	71	9.99	999	0
10/31	82	15	55	12	69	14	.00	75	65	70	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 77.3 Mean Minimum= 54.2 Average= 65.8
 DFN= +4.8 DFN= +6.3 DFN= +5.6
 Highest= 85 Lowest= 31

PRECIPITATION STATISTICS:

Total= 5.09 DFN= +2.20 Greatest Daily= 1.21 Rain Days= 12

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
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Daily Weather Observations for: SAND MOUNTAIN 1984
 ALABAMA

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL				VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN	EVAP		
11/ 1	82	16	60	18	71	17	.00	75	65	70	9.99	999	0
11/ 2	70	4	57	15	64	10	.36	69	65	67	9.99	999	0
11/ 3	60	-6	48	6	54	0	.04	65	61	63	9.99	999	0
11/ 4	68	3	46	4	57	3	.12	67	59	63	9.99	999	0
11/ 5	56	-9	46	5	51	-2	.04	60	59	60	9.99	999	0
11/ 6	67	2	34	-7	51	-2	.00	66	54	60	9.99	999	0
11/ 7	58	-6	29	-13	43	-10	.00	61	50	56	9.99	999	0
11/ 8	61	-3	32	-9	47	-6	.00	59	49	54	9.99	999	0
11/ 9	65	2	37	-3	51	-1	.00	59	49	54	9.99	999	0
11/10	67	4	41	1	54	2	.00	59	50	55	9.99	999	0
11/11	64	1	37	-3	51	-1	.22	58	50	54	9.99	999	0
11/12	45	-17	34	-6	40	-11	.00	52	47	50	9.99	999	0
11/13	47	-15	21	-18	34	-17	.00	53	43	48	9.99	999	0
11/14	55	-7	24	-15	40	-11	.00	54	43	49	9.99	999	0
11/15	63	2	29	-10	46	-4	.00	56	43	50	9.99	999	0
11/16	68	7	44	5	56	6	.47	57	47	52	9.99	999	0
11/17	56	-5	23	-15	40	-10	.00	57	44	51	9.99	999	0
11/18	59	-1	24	-14	42	-7	.00	57	44	51	9.99	999	0
11/19	70	10	39	1	55	6	.47	57	46	52	9.99	999	0
11/20	51	-9	29	-9	40	-9	.00	56	47	52	9.99	999	0
11/21	47	-12	26	-11	37	-11	.00	53	44	49	9.99	999	0
11/22	49	-10	23	-14	36	-12	.00	51	42	47	9.99	999	0
11/23	52	-7	22	-15	37	-11	.00	52	41	47	9.99	999	0
11/24	58	0	24	-13	41	-7	.00	51	40	46	9.99	999	0
11/25	65	7	29	-8	47	-1	.00	53	40	47	9.99	999	0
11/26	66	8	39	3	53	6	.00	53	44	49	9.99	999	0
11/27	67	9	40	4	54	7	.00	54	44	49	9.99	999	0
11/28	66	9	35	-1	51	4	1.90	55	50	53	9.99	999	0
11/29	47	-10	22	-14	35	-12	.00	52	43	48	9.99	999	0
11/30	54	-3	24	-11	39	-7	.00	51	43	47	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 60.1 Mean Minimum= 33.9 Average= 47.0
 DFN= -1.2 DFN= -4.9 DFN= -3.0
 Highest= 82 Lowest= 21

PRECIPITATION STATISTICS:

Total= 3.62 DFN= -.46 Greatest Daily= 1.90 Rain Days= 8

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 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. A '0' indicates no solar data available.

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Daily Weather Observations for: SAND MOUNTAIN 1984
 ALABAMA

DATE	AIR TEMPERATURE							4 INCH SOIL				VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP		
12/ 1	54	-2	33	-2	44	-2	.11	50	45	48	9.99	999	0
12/ 2	61	5	34	-1	48	2	.00	55	46	51	9.99	999	0
12/ 3	54	-2	41	6	49	2	1.17	49	46	48	9.99	999	0
12/ 4	51	-4	24	-11	39	-7	.00	53	42	48	9.99	999	0
12/ 5	39	-16	27	-7	33	-12	.41	43	42	43	9.99	999	0
12/ 6	42	-13	29	-5	36	-9	.15	43	42	43	9.99	999	0
12/ 7	38	-17	11	-23	25	-20	88.88	42	37	40	9.99	999	0
12/ 8	40	-14	12	-22	26	-18	.00	39	36	38	9.99	999	0
12/ 9	59	4	21	-13	40	-4	.00	45	36	41	9.99	999	0
12/10	63	9	32	-2	48	4	.00	48	38	43	9.99	999	0
12/11	65	11	34	1	50	6	.00	53	45	49	9.99	999	0
12/12	64	11	39	6	52	9	.00	53	45	49	9.99	999	0
12/13	65	12	45	12	55	12	.00	54	45	50	9.99	999	0
12/14	68	15	48	15	58	15	.00	57	50	54	9.99	999	0
12/15	74	21	46	13	60	17	.00	59	50	55	9.99	999	0
12/16	71	19	47	14	59	16	.00	58	50	54	9.99	999	0
12/17	70	18	49	16	60	17	.00	57	52	55	9.99	999	0
12/18	71	19	48	16	60	18	.00	59	52	56	9.99	999	0
12/19	74	22	51	19	63	21	.00	61	54	58	9.99	999	0
12/20	73	21	54	22	64	22	.00	60	54	57	9.99	999	0
12/21	67	15	55	23	61	19	88.88	61	57	59	9.99	999	0
12/22	70	19	47	15	59	17	.32	60	56	58	9.99	999	0
12/23	60	9	32	0	46	4	.00	58	50	54	9.99	999	0
12/24	60	9	32	0	46	4	.20	54	49	52	9.99	999	0
12/25	65	14	36	4	51	9	.07	55	49	52	9.99	999	0
12/26	51	0	29	-2	40	-1	.00	54	46	50	9.99	999	0
12/27	63	13	39	9	51	10	.00	53	45	49	9.99	999	0
12/28	68	18	43	12	56	15	.00	56	48	52	9.99	999	0
12/29	72	22	41	10	57	16	.01	59	50	55	9.99	999	0
12/30	68	18	54	23	61	20	.01	58	53	56	9.99	999	0
12/31	74	24	56	25	65	24	.00	62	57	60	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 61.7 Mean Minimum= 38.4 Average= 50.0
 DFN= +9.0 DFN= +5.5 DFN= +7.3
 Highest= 74 Lowest= 11

PRECIPITATION STATISTICS:

Total= 2.45 DFN= -2.99 Greatest Daily= 1.17 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: WINFIELD ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
01/ 1	29	-25	1	-30	15	-27	.00	36	35	36	9.99	999	3462
01/ 2	43	-10	2	-29	23	-19	.00	35	35	35	9.99	999	3489
01/ 3	52	-1	10	-21	31	-11	88.88	35	35	35	9.99	999	3313
01/ 4	55	2	18	-13	37	-5	.00	44	39	41	9.99	999	3340
01/ 5	53	0	25	-6	39	-3	.00	40	39	40	9.99	999	1493
01/ 6	60	7	32	1	46	4	.00	48	40	44	9.99	999	3411
01/ 7	65	12	21	-10	43	1	.00	51	40	46	9.99	999	3271
01/ 8	65	12	22	-9	44	2	.00	49	40	45	9.99	999	3480
01/ 9	66	13	22	-9	44	2	.00	50	40	45	9.99	999	3430
01/10	65	12	26	-5	46	4	1.12	50	42	46	9.99	999	2467
01/11	42	-11	19	-11	31	-11	.66	49	39	44	9.99	999	456
01/12	40	-13	18	-12	29	-13	.00	43	38	41	9.99	999	3618
01/13	49	-4	19	-11	34	-8	.00	43	38	41	9.99	999	3438
01/14	47	-6	28	-2	38	-4	.00	44	40	42	9.99	999	1033
01/15	48	-5	26	-4	37	-5	.09	48	40	44	9.99	999	2472
01/16	35	-18	25	-5	30	-12	.07	40	40	40	9.99	999	674
01/17	41	-12	29	-1	35	-7	88.88	45	41	43	9.99	999	1465
01/18	46	-7	31	1	39	-3	.90	47	43	45	9.99	999	2677
01/19	37	-16	11	-19	24	-18	.00	42	38	40	9.99	999	517
01/20	29	-24	8	-23	19	-23	.00	40	36	38	9.99	999	3863
01/21	34	-19	6	-25	20	-22	.00	36	36	36	9.99	999	3696
01/22	34	-19	4	-27	19	-23	.00	38	35	37	9.99	999	3961
01/23	46	-7	4	-27	25	-17	.00	35	35	35	9.99	999	3794
01/24	47	-6	36	5	42	0	1.26	40	34	37	9.99	999	407
01/25	52	-1	37	.6	45	3	.03	45	45	45	9.99	999	670
01/26	49	-5	23	-8	36	-7	.00	48	39	44	9.99	999	1956
01/27	56	2	24	-7	40	-3	.00	49	40	45	9.99	999	2883
01/28	60	6	24	-7	42	-1	.00	51	40	46	9.99	999	3958
01/29	36	-18	21	-10	29	-14	.00	42	39	41	9.99	999	730
01/30	58	4	21	-10	40	-3	.00	50	39	45	9.99	999	4054
01/31	49	-5	18	-13	34	-9	.00	49	39	44	9.99	999	3714

AIR TEMPERATURES:

Mean Maximum= 48.0 Mean Minimum= 19.7 Average= 33.3
 DFN= -5.2 DFN= -11.0 DFN= -8.1
 Highest= 66 Lowest= 1

PRECIPITATION STATISTICS:

Total= 4.13 DFN= -1.62 Greatest Daily= 1.26 Rain Days= 7

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 2619.1

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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Daily Weather Observations for: WINFIELD 1984
 ALABAMA

DATE	AIR TEMPERATURE							4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN			
02/ 1	47	-9	17	-14	32	-11	.00	42	38	40	9.99	999	4183
02/ 2	62	7	17	-14	40	-3	.00	49	38	44	9.99	999	4061
02/ 3	63	8	22	-9	43	0	.30	49	40	45	9.99	999	3942
02/ 4	60	5	24	-7	42	-1	89.88	53	42	48	9.99	999	908
02/ 5	35	-20	24	-8	30	-14	.00	50	41	46	9.99	999	1168
02/ 6	51	-5	12	-20	32	-12	.00	46	37	42	9.99	999	2709
02/ 7	36	-20	10	-22	23	-21	.00	42	37	40	9.99	999	4395
02/ 8	47	-9	10	-22	29	-15	.00	44	37	41	9.99	999	4416
02/ 9	59	3	17	-15	38	-6	.00	47	39	43	9.99	999	4525
02/10	62	6	19	-13	41	-3	.23	48	39	44	9.99	999	3918
02/11	62	5	48	16	55	10	.59	54	54	54	9.99	999	1897
02/12	70	13	50	19	60	15	.00	60	54	57	9.99	999	2607
02/13	72	15	50	17	61	16	.61	58	55	57	9.99	999	2305
02/14	67	10	29	-5	48	3	.00	60	48	54	9.99	999	2666
02/15	68	10	29	-5	48	2	.03	60	47	54	9.99	999	4665
02/16	72	14	42	9	57	11	.31	61	52	57	9.99	999	4699
02/17	72	14	31	-2	52	6	.00	60	49	55	9.99	999	4471
02/18	69	11	31	-3	50	4	.00	62	49	56	9.99	999	4872
02/19	75	16	54	20	65	18	.00	59	49	54	9.99	999	4499
02/20	63	4	35	1	49	2	89.88	60	50	55	9.99	999	2110
02/21	58	-1	35	1	47	0	89.88	58	50	54	9.99	999	4026
02/22	62	3	32	-2	47	0	.00	60	49	55	9.99	999	4559
02/23	50	-10	34	-1	42	-6	.35	51	48	50	9.99	999	1221
02/24	66	6	35	0	51	3	.00	60	48	54	9.99	999	4722
02/25	65	5	24	-11	45	-3	.00	55	45	50	9.99	999	3388
02/26	61	1	24	-11	43	-5	.00	58	45	52	9.99	999	5022
02/27	65	4	38	2	52	3	1.50	56	51	54	9.99	999	4774
02/28	61	0	25	-11	43	-6	.03	55	42	49	9.99	999	1744
02/29	35	-26	22	-14	29	-20	.03	42	40	41	9.99	999	1683

AIR TEMPERATURES:

Mean Maximum= 59.8 Mean Minimum= 29.9 Average= 44.4
 DFN= +2.1 DFN= -4.3 DFN= -1.1
 Highest= 75 Lowest= 10

PRECIPITATION STATISTICS:

Total= 3.98 DFN= -1.30 Greatest Daily= 1.50 Rain Days= 10

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 3453.6

 Data values that are all '9s' indicate data that is missing or not reported.
 89.88 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. A '0' indicates no solar data available.

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 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
03/ 1	40	-21	14	-22	27	-22	.00	45	39	42	9.99	999	3260
03/ 2	53	-8	15	-21	34	-15	.00	50	39	45	9.99	999	5346
03/ 3	64	2	27	-10	46	-4	.00	54	44	49	9.99	999	4550
03/ 4	70	8	28	-9	49	-1	.20	58	44	51	9.99	999	4715
03/ 5	73	11	45	8	59	9	1.55	59	55	57	9.99	999	3895
03/ 6	60	-3	34	-4	47	-4	.26	55	49	52	9.99	999	984
03/ 7	50	-13	20	-18	35	-16	.00	54	43	49	9.99	999	3221
03/ 8	54	-9	30	-8	42	-9	.00	55	44	50	9.99	999	5793
03/ 9	60	-4	20	-18	40	-11	.00	55	42	49	9.99	999	5566
03/10	47	-17	20	-19	34	-18	.15	55	42	49	9.99	999	5794
03/11	40	-24	21	-18	31	-21	.07	46	40	43	9.99	999	1683
03/12	58	-6	23	-16	41	-11	.00	54	40	47	9.99	999	4219
03/13	58	-7	37	-2	48	-4	.06	50	44	47	9.99	999	1148
03/14	70	5	31	-9	51	-2	.00	60	48	54	9.99	999	3299
03/15	79	14	33	-7	56	3	.00	65	48	57	9.99	999	5492
03/16	82	16	46	6	64	11	.00	65	54	60	9.99	999	0
03/17	76	10	53	13	65	12	.58	66	60	63	9.99	999	0
03/18	73	7	51	10	62	8	.19	65	60	63	9.99	999	2235
03/19	82	15	52	11	67	13	.00	71	61	66	9.99	999	5277
03/20	77	10	36	-5	57	3	.71	67	58	63	9.99	999	4180
03/21	44	-24	29	-13	37	-18	.06	58	46	52	9.99	999	1322
03/22	60	-8	28	-14	44	-11	.00	57	47	52	9.99	999	6262
03/23	70	2	39	-3	55	0	.00	64	51	58	9.99	999	6161
03/24	74	5	44	2	59	3	.00	66	51	59	.27	999	6093
03/25	66	-3	37	-6	52	-4	.55	60	53	57	.13	999	1775
03/26	61	-8	34	-9	48	-8	.02	60	50	55	.06	999	3349
03/27	66	-4	36	-7	51	-6	.00	61	50	56	.18	999	4097
03/28	68	-2	49	6	59	2	1.10	62	55	59	.19	999	2284
03/29	63	-7	40	-4	52	-5	.79	61	52	57	9.99	999	1174
03/30	60	-11	27	-17	44	-14	.00	63	48	56	9.99	999	6474
03/31	63	-8	31	-13	47	-11	.00	64	48	56	9.99	999	6661

AIR TEMPERATURES:

Mean Maximum= 63.3 Mean Minimum= 33.2 Average= 48.2
 DFN= -2.6 DFN= -7.0 DFN= -4.3
 Highest= 82 Lowest= 14

PRECIPITATION STATISTICS:

Total= 6.29 DFN= -.44 Greatest Daily= 1.55 Rain Days= 14

AVERAGE DAILY VALUES:

Pan Evaporation= .17 Hours of Wet Vegetation= 999.9 Solar Energy= 4010.3

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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 ALABAMA

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
04/ 1	60	-12	28	-16	44	-14	.03	61	49	55	9.99	999	4185
04/ 2	66	-6	31	-14	49	-10	.00	65	49	57	9.99	999	6609
04/ 3	70	-2	38	-7	54	-5	1.85	63	51	57	9.99	999	4429
04/ 4	79	5	46	1	62	3	.20	69	57	63	9.99	999	4719
04/ 5	64	-9	41	-4	53	-6	88.88	63	54	59	.30	999	5222
04/ 6	60	-13	32	-14	46	-14	.00	58	50	54	.12	999	2968
04/ 7	69	-5	31	-15	50	-10	.00	66	52	59	9.99	999	6898
04/ 8	69	-5	35	-11	52	-8	.00	63	52	58	.19	999	4367
04/ 9	63	-11	50	3	57	-4	.10	63	50	57	.09	999	1631
04/10	70	-5	48	1	59	-2	.00	65	59	62	.11	999	3691
04/11	66	-9	41	-6	54	-7	.00	65	55	60	.16	999	3410
04/12	74	-1	44	-3	59	-2	.00	70	55	63	.18	999	6540
04/13	70	-6	47	-1	59	-3	.00	71	59	65	.17	999	6114
04/14	79	3	44	-4	62	0	.00	75	61	68	.29	999	5969
04/15	73	-3	33	-15	53	-9	88.88	72	56	64	.26	999	5542
04/16	61	-16	37	-11	49	-14	.03	64	55	60	.14	999	3827
04/17	60	-17	40	-9	50	-13	.10	62	55	59	.12	999	3708
04/18	60	-17	28	-21	44	-19	88.88	61	51	56	9.99	999	4074
04/19	69	-8	34	-15	52	-11	.71	69	51	60	.03	999	7415
04/20	58	-20	45	-4	52	-12	.82	58	56	57	.13	999	1463
04/21	81	3	49	-1	65	1	88.88	69	57	63	.13	999	4225
04/22	82	4	57	7	70	6	.90	71	65	68	9.99	999	3707
04/23	70	-8	39	-11	55	-9	.00	68	56	62	.22	999	3594
04/24	60	-18	35	-15	48	-16	.00	60	54	57	.17	999	4059
04/25	75	-4	40	-11	58	-7	.00	71	54	63	.23	999	7503
04/26	85	6	42	-9	64	-1	.00	75	57	66	.32	999	7347
04/27	78	-1	54	3	66	1	.82	67	61	64	.18	999	2599
04/28	84	5	62	11	73	8	1.32	73	70	72	.33	999	3332
04/29	75	-4	60	8	68	2	.86	71	68	70	9.99	999	2387
04/30	75	-5	61	9	68	2	.00	70	68	69	.21	999	2665

AIR TEMPERATURES:

Mean Maximum= 70.1 Mean Minimum= 42.4 Average= 56.3
 DFN= -6.0 DFN= -5.8 DFN= -5.9
 Highest= 85 Lowest= 28

PRECIPITATION STATISTICS:

Total= 7.74 DFN= +2.33 Greatest Daily= 1.85 Rain Days= 12

AVERAGE DAILY VALUES:

Pan Evaporation= .19 Hours of Wet Vegetation= 999.9 Solar Energy= 4473.3

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE							4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN			EVAP
05/ 1	73	-5	39	-13	57	-9	.00	74	60	67	.25	999	5017
05/ 2	74	-6	41	-11	58	-8	88.88	66	62	64	.13	999	4265
05/ 3	78	-2	56	3	67	0	2.21	70	62	66	9.99	999	2890
05/ 4	75	-5	50	-3	63	-4	.18	71	62	67	9.99	999	4211
05/ 5	75	-6	49	-4	62	-5	.00	75	62	69	.17	999	7575
05/ 6	81	0	52	-1	67	0	.00	74	65	70	.25	999	4755
05/ 7	87	6	69	15	78	10	.00	77	70	74	.21	999	4555
05/ 8	86	5	58	4	72	4	2.20	80	70	75	9.99	999	0
05/ 9	66	-15	39	-15	53	-15	.03	73	61	67	.18	999	4849
05/10	70	-12	35	-19	53	-15	.00	72	60	66	.32	999	7782
05/11	78	-4	38	-16	58	-10	.00	75	60	68	.21	999	7732
05/12	81	-1	51	-4	66	-3	.00	80	67	74	.27	999	7643
05/13	84	2	54	-1	69	0	.00	82	67	75	.21	999	6594
05/14	85	3	56	1	71	2	.00	81	71	76	.28	999	6634
05/15	87	4	50	-5	69	0	.00	84	69	77	.29	999	6152
05/16	75	-8	44	-12	60	-10	.00	80	67	74	.29	999	7905
05/17	76	-7	38	-18	57	-13	.00	80	65	73	.33	999	7897
05/18	80	-3	42	-14	61	-9	.00	81	67	74	.21	999	7933
05/19	83	0	47	-10	65	-5	.00	82	70	76	.21	999	7674
05/20	84	0	53	-4	69	-2	.00	83	70	77	.24	999	7268
05/21	80	-4	64	7	72	1	.25	75	70	73	.18	999	3718
05/22	79	-5	62	5	71	0	.25	75	70	73	.13	999	3316
05/23	83	-1	58	0	71	0	.00	81	71	76	.22	999	6627
05/24	80	-5	47	-11	64	-8	.00	78	67	73	.09	999	4245
05/25	82	-3	55	-3	69	-3	.00	83	71	77	.27	999	7955
05/26	88	3	57	-1	73	1	.00	84	71	78	.26	999	6636
05/27	88	3	60	1	74	2	.00	82	75	79	.26	999	6695
05/28	88	2	60	1	74	1	2.55	87	74	81	9.99	999	0
05/29	85	-1	49	-10	67	-6	.08	84	70	77	.33	999	6359
05/30	65	-21	35	-24	50	-23	.00	75	62	69	.18	999	5770
05/31	69	-17	36	-24	53	-20	.00	73	62	68	.20	999	7065

AIR TEMPERATURES:
 Mean Maximum= 79.6 Mean Minimum= 49.8 Average= 64.7
 DFN= -3.3 DFN= -6.0 DFN= -4.7
 Highest= 88 Lowest= 35

PRECIPITATION STATISTICS:
 Total= 7.75 DFN= +2.87 Greatest Daily= 2.55 Rain Days= 8

AVERAGE DAILY VALUES:
 Pan Evaporation= .23 Hours of Wet Vegetation= 999.9 Solar Energy= 6128.2

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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Daily Weather Observations for: WINFIELD
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
06/ 1	76	-11	40	-20	58	-16	.00	79	65	72	.22	999	8201
06/ 2	80	-7	45	-15	63	-11	.00	81	68	75	.28	999	7994
06/ 3	84	-3	50	-10	67	-7	.00	83	70	77	.26	999	8134
06/ 4	86	-1	51	-10	69	-5	.00	85	72	79	.26	999	7895
06/ 5	87	-1	54	-7	71	-4	.00	86	74	80	.24	999	7513
06/ 6	88	0	56	-5	72	-3	.00	86	75	81	.26	999	7634
06/ 7	85	-3	64	3	75	0	.00	82	75	79	.21	999	5787
06/ 8	88	0	58	-4	73	-2	.00	85	75	80	.21	999	5219
06/ 9	89	0	57	-5	73	-3	.00	87	75	81	.30	999	7169
06/10	88	-1	57	-5	73	-3	.00	87	75	81	.31	999	6793
06/11	88	-1	61	-1	75	-1	.00	87	77	82	.24	999	6550
06/12	90	1	62	0	76	0	.00	88	77	83	.23	999	5638
06/13	92	3	64	1	78	2	.00	90	79	85	.26	999	7177
06/14	91	1	65	2	79	1	.00	91	80	86	.29	999	7441
06/15	92	2	67	4	80	3	88.88	88	78	83	.21	999	5154
06/16	91	1	66	3	79	2	.00	90	80	85	.24	999	7123
06/17	90	0	66	3	78	1	.00	90	80	85	.36	999	7274
06/18	91	1	64	0	78	1	.00	91	80	86	.30	999	7160
06/19	92	2	65	1	79	2	.00	92	80	86	.30	999	0
06/20	95	4	69	5	82	4	.00	92	81	87	.31	999	7150
06/21	97	6	69	5	83	5	.00	94	82	88	.32	999	6713
06/22	96	5	70	6	83	5	.20	93	80	87	.25	999	5721
06/23	95	4	69	4	82	4	.11	95	80	88	.27	999	6295
06/24	92	1	68	3	80	2	.58	90	76	83	.28	999	4814
06/25	92	1	61	-4	77	-1	.00	90	75	83	.27	999	6937
06/26	87	-4	59	-6	73	-5	.00	90	75	83	.35	999	8049
06/27	88	-3	59	-6	74	-4	.00	89	75	82	.19	999	6231
06/28	90	-1	65	0	78	0	.00	91	78	85	.29	999	7228
06/29	91	-1	65	0	78	-1	1.23	92	77	85	9.99	999	6424
06/30	88	-4	65	-1	77	-2	.00	84	75	80	.14	999	4230

AIR TEMPERATURES:

Mean Maximum= 89.3 Mean Minimum= 61.0 Average= 75.2
 DFN= -.3 DFN= -2.0 DFN= -1.1
 Highest= 97 Lowest= 40

PRECIPITATION STATISTICS:

Total= 2.17 DFN= -1.25 Greatest Daily= 1.23 Rain Days= 4

AVERAGE DAILY VALUES:

Pan Evaporation= .26 Hours of Wet Vegetation= 999.9 Solar Energy= 6743.0

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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Daily Weather Observations for WINFIELD
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
07/ 1	88	-4	62	-4	75	-4	.00	85	75	80	.23	999	6503
07/ 2	88	-4	65	-1	77	-2	.00	88	76	82	.27	999	7446
07/ 3	89	-3	65	-1	77	-2	.00	89	77	83	.23	999	6487
07/ 4	92	0	68	2	80	1	.00	90	80	85	.27	999	6960
07/ 5	92	0	70	4	81	2	.00	90	80	85	.28	999	6430
07/ 6	91	-1	67	1	79	0	.08	89	77	83	.23	999	5332
07/ 7	92	0	69	2	81	1	.00	90	80	85	.27	999	6924
07/ 8	91	-1	66	-1	79	-1	.41	88	76	82	.25	999	5068
07/ 9	88	-4	68	1	78	-2	.00	87	78	83	.19	999	6001
07/10	93	1	69	2	81	1	.00	92	81	87	.29	999	7569
07/11	94	2	70	3	82	2	.00	91	81	86	.24	999	6373
07/12	95	3	71	4	83	3	.05	92	81	87	.32	999	6850
07/13	92	0	70	3	81	1	.11	88	79	84	.17	999	4395
07/14	88	-4	69	2	79	-1	.00	88	80	84	.16	999	4455
07/15	88	-4	67	0	78	-2	.00	88	80	84	.18	999	4676
07/16	92	0	72	5	82	2	.00	88	81	85	.20	999	5415
07/17	82	-10	70	3	76	-4	.33	82	78	80	.12	999	2808
07/18	86	-6	69	2	78	-2	.06	83	77	80	.13	999	3490
07/19	87	-5	60	-7	74	-6	.00	87	75	81	.31	999	7381
07/20	87	-5	60	-7	74	-6	.00	87	76	82	.31	999	7905
07/21	91	-1	66	-1	79	-1	.00	87	78	83	.27	999	6468
07/22	91	-1	68	1	80	0	.00	88	79	84	.26	999	6459
07/23	93	0	65	-2	79	-1	.00	89	80	85	.33	999	6721
07/24	91	-2	69	2	80	0	.00	88	80	84	.23	999	6202
07/25	92	-1	68	1	80	0	.27	88	78	83	.18	999	4854
07/26	92	-1	68	1	80	0	.00	90	80	85	.25	999	7227
07/27	92	-1	70	3	81	1	.00	91	81	86	.35	999	7038
07/28	82	-11	69	2	76	-4	.93	83	77	80	.20	999	3154
07/29	84	-9	60	-7	72	-8	.00	84	75	80	.22	999	5051
07/30	86	-7	62	-5	74	-6	.00	84	75	80	.24	999	6732
07/31	78	-15	66	-1	72	-8	.04	79	75	77	.12	999	2310

AIR TEMPERATURES:

Mean Maximum= 89.3 Mean Minimum= 67.0 Average= 78.1
 DFN= -3.0 DFN= +.2 DFN= -1.4
 Highest= 95 Lowest= 60

PRECIPITATION STATISTICS:

Total= 2.28 DFN= -2.80 Greatest Daily= .93 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= .24 Hours of Wet Vegetation= 999.9 Solar Energy= 5828.5

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: WINFIELD
ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
08/ 1	85	-8	68	1	77	-3	.00	85	77	81	.23	999	5860
08/ 2	75	-18	69	2	72	-8	.54	77	75	76	.01	999	1687
08/ 3	79	-14	68	1	74	-6	.10	78	75	77	.07	999	2188
08/ 4	79	-14	68	1	74	-6	.10	78	75	77	.07	999	2804
08/ 5	87	-6	69	2	78	-2	.04	85	75	80	.23	999	5754
08/ 6	86	-7	68	1	77	-3	.09	85	77	81	.14	999	4204
08/ 7	86	-6	68	1	77	-3	.00	85	77	81	.16	999	4650
08/ 8	88	-4	68	2	78	-1	.00	87	77	82	.26	999	5808
08/ 9	85	-7	67	1	76	-3	.00	86	78	82	.15	999	4969
08/10	89	-3	65	-1	77	-2	.03	86	77	82	.17	999	4784
08/11	88	-4	69	3	79	.0	.00	85	79	82	.18	999	5517
08/12	88	-4	65	-1	77	-2	.00	87	79	83	.24	999	5422
08/13	85	-7	68	2	77	-2	.00	87	80	84	.22	999	6370
08/14	92	0	68	2	80	1	.00	88	80	84	.25	999	5958
08/15	89	-3	68	2	79	0	.00	89	80	85	.25	999	6550
08/16	86	-6	67	1	77	-2	.05	84	79	82	.14	999	3771
08/17	92	0	68	2	80	1	1.34	87	79	83	.28	999	5553
08/18	90	-2	64	-2	77	-2	.00	86	78	82	.22	999	5833
08/19	90	-2	64	-2	77	-2	.09	86	78	82	.19	999	5588
08/20	88	-4	67	1	78	-1	88.88	85	78	82	.15	999	4031
08/21	90	-1	66	1	78	0	.00	85	78	82	.24	999	5844
08/22	92	1	66	1	79	1	.00	88	78	83	.18	999	6021
08/23	90	-1	69	4	80	2	.00	89	79	84	.19	999	4668
08/24	90	-1	61	-4	76	-2	.00	89	78	84	.21	999	6805
08/25	87	-4	58	-7	73	-5	.00	88	76	82	.31	999	6996
08/26	90	-1	60	-5	75	-3	.00	87	77	82	.28	999	6844
08/27	92	1	68	3	80	2	.00	85	80	83	.15	999	5305
08/28	90	0	69	4	80	2	.00	86	80	83	.21	999	4928
08/29	90	0	68	3	79	1	88.88	87	80	84	.16	999	4702
08/30	93	3	68	4	81	4	.00	89	80	85	.29	999	5894
08/31	88	-2	65	1	77	0	88.88	85	79	82	.12	999	3917

AIR TEMPERATURES:

Mean Maximum= 87.7 Mean Minimum= 66.6 Average= 77.1
 DFN= -4.0 DFN= +.8 DFN= -1.6
 Highest= 93 Lowest= 58

PRECIPITATION STATISTICS:

Total= 2.38 DFN= -.75 Greatest Daily= 1.34 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= .19 Hours of Wet Vegetation= 999.9 Solar Energy= 5136.3

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wettings is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: WINFIELD ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
09/ 1	97	7	59	-5	78	1	.00	90	77	84	.28	999	6153
09/ 2	97	7	61	-3	79	2	.00	90	78	84	.29	999	6543
09/ 3	96	7	61	-3	79	2	.00	89	77	83	.25	999	6244
09/ 4	89	0	65	1	77	0	98.88	85	78	82	.17	999	4003
09/ 5	81	-8	52	-12	67	-10	.00	85	74	80	.27	999	5472
09/ 6	86	-3	50	-13	68	-8	.00	85	73	79	.28	999	6583
09/ 7	86	-3	52	-11	69	-7	.00	84	74	79	.29	999	6463
09/ 8	86	-2	52	-11	69	-7	.00	85	74	80	.25	999	6327
09/ 9	86	-2	57	-6	72	-4	.00	84	75	80	.32	999	6017
09/10	82	-6	65	2	74	-2	.00	80	75	78	.16	999	3294
09/11	84	-4	64	2	74	-1	.56	80	74	77	.11	999	2928
09/12	93	5	63	1	78	3	.18	84	74	79	.19	999	4663
09/13	96	9	63	1	80	5	.00	85	74	80	.20	999	5878
09/14	96	9	63	2	80	6	.00	85	76	81	.22	999	5660
09/15	95	8	68	7	82	8	.00	88	79	84	.17	999	5416
09/16	80	-7	53	-8	67	-7	.00	85	72	79	.33	999	2670
09/17	82	-4	52	-8	67	-6	.00	83	72	78	.30	999	6214
09/18	80	-6	52	-8	66	-7	.00	80	72	76	.26	999	5923
09/19	82	-4	52	-7	67	-6	.00	80	71	76	.18	999	3963
09/20	84	-2	48	-11	66	-7	.00	81	70	76	.29	999	6116
09/21	88	3	48	-11	68	-4	.00	82	71	77	.20	999	5995
09/22	91	6	62	4	77	5	.00	81	74	78	.28	999	5918
09/23	88	3	65	7	77	5	.00	81	73	77	.25	999	4513
09/24	91	6	64	7	78	7	.00	85	77	81	.26	999	5008
09/25	89	5	58	1	74	3	.00	85	75	80	.20	999	4752
09/26	92	8	59	3	76	6	.00	87	75	81	.26	999	5430
09/27	80	-4	55	-1	68	-2	.00	82	74	78	.17	999	4695
09/28	85	2	55	0	70	1	.00	84	74	79	.17	999	5233
09/29	75	-8	48	-6	62	-7	.00	81	70	76	.22	999	4080
09/30	65	-18	48	-6	57	-12	.00	80	69	75	.15	999	3529

AIR TEMPERATURES:

Mean Maximum= 86.7 Mean Minimum= 57.1 Average= 71.9
 DFN= +.1 DFN= -3.1 DFN= -1.5
 Highest= 97 Lowest= 48

PRECIPITATION STATISTICS:

Total= .74 DFN= -3.11 Greatest Daily= .56 Rain Days= 2

AVERAGE DAILY VALUES:

Pan Evaporation= .23 Hours of Wet Vegetation= 999.9 Solar Energy= 5169.4

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wettings is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: WINFIELD
ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
10/ 1	65	-19	38	-15	52	-16	88.88	80	64	72	.09	999	2247
10/ 2	70	-12	32	-21	51	-17	.00	80	63	72	.17	999	5486
10/ 3	75	-7	32	-20	54	-13	.00	75	63	69	.13	999	5805
10/ 4	80	-2	34	-13	57	-10	.00	75	64	70	.15	999	5397
10/ 5	80	-1	40	-11	60	-6	.00	74	65	70	.08	999	3918
10/ 6	84	3	40	-10	62	-4	88.88	76	71	74	.17	999	4876
10/ 7	81	0	61	11	71	5	88.88	75	73	74	.17	999	2631
10/ 8	80	0	64	15	72	7	.30	74	72	73	.17	999	2153
10/ 9	74	-6	60	11	67	2	.38	73	69	71	.07	999	1417
10/10	81	1	60	12	71	7	.55	75	69	72	.18	999	3189
10/11	76	-3	60	12	68	4	.00	73	69	71	.04	999	1311
10/12	85	6	55	7	70	6	.00	77	68	73	.10	999	4384
10/13	84	5	55	3	70	7	.00	76	69	73	.16	999	4500
10/14	85	7	55	3	70	7	.00	78	64	71	.13	999	4371
10/15	85	7	65	19	75	13	88.88	77	68	73	.18	999	3824
10/16	83	6	68	22	76	14	.15	78	72	75	.16	999	3510
10/17	83	6	65	20	74	13	1.55	75	72	74	.24	999	2352
10/18	77	0	62	17	70	9	.00	75	71	73	.08	999	2556
10/19	84	3	70	25	77	16	.00	77	73	75	.15	999	4005
10/20	80	4	65	21	73	13	.66	75	72	74	9.99	999	1669
10/21	82	6	64	20	73	13	.81	79	72	76	9.99	999	2934
10/22	72	-3	64	20	68	8	.70	72	70	71	9.99	999	1158
10/23	72	-3	65	22	69	10	3.95	72	70	71	9.99	999	657
10/24	75	1	62	19	69	10	.21	73	70	72	9.99	999	1224
10/25	76	2	62	19	69	10	.05	74	70	72	9.99	999	1962
10/26	83	10	55	13	69	11	.00	77	69	73	.12	999	3744
10/27	82	9	55	13	69	11	.00	77	68	73	.11	999	4010
10/28	76	3	59	17	68	10	.32	75	68	72	.03	999	1773
10/29	80	8	56	14	68	11	.30	75	68	72	9.99	999	2154
10/30	82	10	59	18	71	14	.00	76	70	73	.10	999	2863
10/31	85	14	56	15	71	15	.00	78	70	74	.14	999	3959

AIR TEMPERATURES:

Mean Maximum= 79.3 Mean Minimum= 56.1 Average= 67.7
 DFN= +2.0 DFN= +9.8 DFN= +5.9
 Highest= 85 Lowest= 32

PRECIPITATION STATISTICS:

Total= 9.93 DFN= +7.00 Greatest Daily= 3.95 Rain Days= 13

AVERAGE DAILY VALUES:

Pan Evaporation= .13 Hours of Wet Vegetation= 999.9 Solar Energy= 3112.7

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 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. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: WINFIELD ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
11/ 1	85	14	56	15	71	15	.00	76	71	74	.14	999	4115
11/ 2	74	4	58	17	66	10	.65	72	70	71	.11	999	1298
11/ 3	62	-8	45	5	54	-1	88.88	69	62	66	.14	999	2049
11/ 4	70	0	54	14	62	7	88.88	69	65	67	.03	999	2067
11/ 5	60	-9	55	15	58	3	88.88	65	65	65	.02	999	675
11/ 6	70	1	38	-2	54	-1	.00	69	59	64	.11	999	3727
11/ 7	63	-5	30	-10	47	-7	.00	65	55	60	9.99	999	4308
11/ 8	65	-3	34	-5	50	-4	.00	61	55	58	.14	999	3517
11/ 9	67	0	40	1	54	1	.00	60	55	58	.11	999	3216
11/10	69	2	41	2	55	2	.15	61	57	59	.15	999	3870
11/11	67	0	40	1	54	1	.80	64	55	60	9.99	999	1292
11/12	48	-18	38	-1	43	-10	.00	62	54	58	9.99	999	1278
11/13	53	-13	25	-13	39	-13	.00	58	50	54	9.99	999	3834
11/14	60	-5	25	-13	43	-9	.00	58	50	54	9.99	999	4018
11/15	65	0	27	-11	46	-6	.00	58	50	54	9.99	999	3858
11/16	70	5	46	9	58	6	1.00	58	53	56	9.99	999	1609
11/17	59	-5	29	-9	44	-7	.00	61	50	56	9.99	999	3862
11/18	60	-4	31	-6	46	-5	.00	55	50	53	9.99	999	3341
11/19	71	7	46	9	59	8	.55	60	55	58	9.99	999	935
11/20	48	-15	34	-3	41	-9	88.88	60	50	55	9.99	999	453
11/21	48	-15	32	-5	40	-10	.00	55	48	52	9.99	999	3854
11/22	47	-16	25	-12	36	-14	.00	52	45	49	9.99	999	2159
11/23	54	-8	23	-13	39	-10	.00	52	45	49	9.99	999	3779
11/24	57	-5	21	-15	39	-10	.00	51	44	48	9.99	999	2748
11/25	67	8	19	-17	43	-6	.00	54	40	47	9.99	999	3722
11/26	68	7	52	16	60	11	.00	54	43	49	9.99	999	3391
11/27	68	7	60	24	64	15	.00	57	57	57	9.99	999	1259
11/28	63	2	35	0	49	1	3.71	57	52	55	9.99	999	117
11/29	51	-9	23	-12	37	-11	.00	56	47	52	9.99	999	3662
11/30	58	-2	40	5	49	1	.00	52	50	51	9.99	999	3592

AIR TEMPERATURES:
 Mean Maximum= 62.2 Mean Minimum= 37.4 Average= 49.8
 DFN= -2.9 DFN= -.5 DFN= -1.7
 Highest= 85 Lowest= 19

PRECIPITATION STATISTICS:
 Total= 6.86 DFN= +2.29 Greatest Daily= 3.71 Rain Days= 6

AVERAGE DAILY VALUES:
 Pan Evaporation= .11 Hours of Wet Vegetation= 999.9 Solar Energy= 2719.8

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: WINFIELD
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
12/ 1	62	2	34	-1	48	0	.34	54	50	52	9.99	999	1527
12/ 2	64	5	34	-1	49	2	.00	56	50	53	9.99	999	2889
12/ 3	55	-4	40	6	48	1	1.25	52	50	51	9.99	999	475
12/ 4	52	-7	27	-7	40	-7	.00	55	45	50	9.99	999	3460
12/ 5	40	-19	27	-7	34	-13	.08	45	45	45	9.99	999	619
12/ 6	45	-13	32	-2	39	-7	.25	45	45	45	9.99	999	431
12/ 7	40	-18	11	-23	26	-20	88.88	47	40	44	9.99	999	2825
12/ 8	46	-12	11	-23	29	-17	.00	45	40	43	9.99	999	3491
12/ 9	60	3	19	-14	40	-5	.00	48	40	44	9.99	999	3329
12/10	65	8	26	-7	46	1	.00	52	42	47	9.99	999	2046
12/11	64	9	31	-2	49	4	.00	56	48	52	9.99	999	2466
12/12	64	7	31	-2	48	3	.00	55	48	52	9.99	999	2663
12/13	68	12	45	12	57	12	.00	57	50	54	9.99	999	1737
12/14	70	14	52	19	61	16	.05	60	57	59	9.99	999	909
12/15	78	22	44	11	61	16	.00	64	55	60	9.99	999	3159
12/16	66	10	46	14	56	12	.00	60	55	58	9.99	999	1250
12/17	75	19	55	23	65	21	.00	60	56	58	9.99	999	2475
12/18	63	8	47	15	55	11	.14	60	56	58	9.99	999	622
12/19	75	20	47	15	61	17	.00	64	56	60	9.99	999	2556
12/20	73	18	54	22	64	20	.05	61	58	60	9.99	999	2037
12/21	72	17	58	26	65	21	.00	64	61	63	9.99	999	1692
12/22	70	15	39	7	55	11	.35	62	61	62	9.99	999	1247
12/23	71	16	32	0	52	8	.00	62	53	58	9.99	999	3386
12/24	61	7	33	1	47	4	88.88	62	53	58	9.99	999	3149
12/25	72	18	37	5	55	12	.21	60	55	58	9.99	999	1653
12/26	50	-4	33	2	42	-1	.00	57	49	53	9.99	999	2987
12/27	66	12	33	2	50	7	.00	56	49	53	9.99	999	2631
12/28	66	12	45	14	56	13	.00	60	55	58	9.99	999	1161
12/29	71	17	47	16	59	16	.00	55	50	53	9.99	999	1581
12/30	72	18	60	29	66	23	88.88	62	50	56	9.99	999	1682
12/31	78	25	55	24	67	25	88.88	62	50	56	9.99	999	1856

AIR TEMPERATURES:

Mean Maximum= 63.7 Mean Minimum= 38.2 Average= 51.0
 DFN= +7.6 DFN= +5.6 DFN= +6.6
 Highest= 78 Lowest= 11

PRECIPITATION STATISTICS:

Total= 2.72 DFN= -2.96 Greatest Daily= 1.25 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 2064.2

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 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. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: THORSBY
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
01/ 1	28	-26	8	-24	18	-25	.00	33	33	33	9.99	999	0
01/ 2	43	-11	11	-21	27	-16	.00	35	35	35	9.99	999	0
01/ 3	53	-1	19	-13	36	-7	.00	44	34	39	9.99	999	0
01/ 4	56	2	25	-7	41	-2	.00	49	36	43	9.99	999	0
01/ 5	58	4	25	-6	42	-1	88.88	54	36	45	9.99	999	0
01/ 6	59	5	34	3	47	4	.00	53	40	47	9.99	999	0
01/ 7	68	14	32	1	50	7	.00	54	41	48	9.99	999	0
01/ 8	57	3	31	0	44	1	.00	51	40	46	9.99	999	0
01/ 9	67	13	33	2	50	7	.00	54	40	47	9.99	999	0
01/10	67	13	34	3	51	8	.86	54	42	48	9.99	999	0
01/11	56	2	20	-11	38	-5	.27	51	38	45	9.99	999	0
01/12	38	-15	20	-11	29	-13	.00	50	37	44	9.99	999	0
01/13	49	-4	26	-5	38	-4	.00	48	36	42	9.99	999	0
01/14	54	1	32	1	43	1	.00	52	40	46	9.99	999	0
01/15	54	1	29	-2	42	0	.15	999	999	999	9.99	999	0
01/16	40	-14	31	0	36	-7	.17	44	41	43	9.99	999	0
01/17	43	-11	30	-1	37	-6	.00	46	43	45	9.99	999	0
01/18	49	-5	30	-1	40	-3	.54	46	42	44	9.99	999	0
01/19	44	-10	21	-10	33	-10	.30	46	37	42	9.99	999	0
01/20	34	-20	12	-19	23	-20	.00	46	35	41	9.99	999	0
01/21	37	-17	13	-18	25	-18	.00	38	34	36	9.99	999	0
01/22	36	-18	12	-19	24	-19	.00	38	33	36	9.99	999	0
01/23	48	-6	13	-13	31	-12	.00	40	33	37	9.99	999	0
01/24	48	-6	34	2	41	-2	.63	43	35	39	9.99	999	0
01/25	54	0	45	13	50	7	.52	48	43	46	9.99	999	0
01/26	54	0	29	-3	42	-1	.00	50	40	45	9.99	999	0
01/27	60	6	29	-3	45	2	.26	54	49	52	9.99	999	0
01/28	62	7	29	-3	46	2	.00	59	44	52	9.99	999	0
01/29	48	-7	29	-3	39	-5	.00	50	40	45	9.99	999	0
01/30	61	6	30	-2	46	2	.00	54	39	47	9.99	999	0
01/31	56	1	23	-9	40	-4	.00	53	37	45	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 51.0 Mean Minimum= 25.5 Average= 38.2
 DFN= -3.0 DFN= -5.9 DFN= -4.5
 Highest= 68 Lowest= 9

PRECIPITATION STATISTICS:

Total= 4.20 DFN= -1.20 Greatest Daily= .86 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: THORSBY ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
02/ 1	49	-6	22	-10	36	-8	.00	50	36	43	9.99	999	0
02/ 2	60	5	25	-7	43	-1	.00	52	36	44	9.99	999	0
02/ 3	62	6	29	-3	46	2	.10	54	39	47	9.99	999	0
02/ 4	50	-6	33	1	42	-2	.32	48	43	46	9.99	999	0
02/ 5	59	3	27	-5	43	-1	.00	55	39	47	9.99	999	0
02/ 6	52	-4	18	-14	35	-9	.01	49	30	40	9.99	999	0
02/ 7	38	-18	16	-16	27	-17	.00	45	35	40	9.99	999	0
02/ 8	48	-9	18	-14	33	-12	.00	49	35	42	9.99	999	0
02/ 9	56	-1	22	-11	39	-6	.00	50	35	43	9.99	999	0
02/10	63	6	30	-3	47	2	.00	53	37	45	9.99	999	0
02/11	55	-2	48	15	52	7	.46	50	47	49	9.99	999	0
02/12	72	15	48	15	60	15	.00	62	50	56	9.99	999	0
02/13	72	14	48	15	60	14	.44	61	50	56	9.99	999	0
02/14	61	3	38	5	50	4	.04	59	47	53	9.99	999	0
02/15	67	9	35	2	51	5	.00	63	46	55	9.99	999	0
02/16	71	13	36	2	54	8	.12	63	45	54	9.99	999	0
02/17	72	14	42	8	57	11	88.88	62	49	56	9.99	999	0
02/18	71	12	38	4	55	8	.00	66	49	58	9.99	999	0
02/19	74	15	39	5	57	10	.00	64	48	56	9.99	999	0
02/20	68	9	41	7	55	8	.04	61	50	56	9.99	999	0
02/21	68	9	38	3	53	6	.01	56	48	52	9.99	999	0
02/22	59	-1	37	2	48	0	88.88	59	47	53	9.99	999	0
02/23	49	-11	39	4	44	-4	.58	58	47	53	9.99	999	0
02/24	64	4	39	4	52	4	.00	62	47	55	9.99	999	0
02/25	68	8	33	-3	51	3	.00	58	45	52	9.99	999	0
02/26	60	-1	35	-1	48	-1	.00	60	44	52	9.99	999	0
02/27	65	4	37	1	51	2	1.36	60	44	52	9.99	999	0
02/28	71	10	27	-9	49	0	.00	61	42	52	9.99	999	0
02/29	36	-25	25	-11	31	-18	88.88	44	37	41	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 60.7 Mean Minimum= 33.2 Average= 46.9
 DFN= +2.6 DFN= -.5 DFN= +1.1
 Highest= 74 Lowest= 16

PRECIPITATION STATISTICS:

Total= 3.48 DFN= -1.86 Greatest Daily= 1.36 Rain Days= 11

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: THORSBY
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
03/ 1	43	-18	19	-18	31	-18	.00	46	36	41	9.99	999	0
03/ 2	53	-9	21	-16	37	-13	.00	55	36	46	9.99	999	0
03/ 3	61	-1	33	-4	47	-3	.00	55	39	47	9.99	999	0
03/ 4	66	4	39	0	52	2	.00	59	47	53	9.99	999	0
03/ 5	73	11	51	13	62	12	.63	63	51	57	9.99	999	0
03/ 6	67	4	39	1	53	2	1.16	58	50	54	9.99	999	0
03/ 7	67	4	26	-12	47	-4	88.88	57	41	49	9.99	999	0
03/ 8	59	-4	27	-12	43	-8	.00	58	40	49	9.99	999	0
03/ 9	67	4	26	-13	47	-4	.00	58	40	49	9.99	999	0
03/10	49	-15	26	-13	38	-14	.00	57	39	48	9.99	999	0
03/11	47	-17	29	-10	38	-14	.00	49	41	45	9.99	999	0
03/12	61	-3	34	-6	48	-4	.00	61	40	51	9.99	999	0
03/13	62	-3	38	-2	50	-3	.02	57	43	50	9.99	999	0
03/14	72	7	42	2	57	4	.00	65	50	58	9.99	999	0
03/15	80	15	43	2	62	9	.00	71	48	60	9.99	999	0
03/16	82	17	50	9	66	13	88.88	70	52	61	9.99	999	0
03/17	75	9	54	13	65	11	88.88	70	56	63	9.99	999	0
03/18	72	6	53	12	63	9	.21	70	58	64	9.99	999	0
03/19	81	15	54	12	68	14	.00	74	57	66	9.99	999	0
03/20	78	11	56	14	67	12	1.00	74	57	66	9.99	999	0
03/21	69	2	33	-9	51	-4	.20	60	43	52	9.99	999	0
03/22	69	2	36	-7	53	-2	.00	60	45	53	9.99	999	0
03/23	73	5	42	-1	58	2	.00	65	46	56	9.99	999	0
03/24	76	8	43	0	60	4	.00	71	50	61	9.99	999	0
03/25	75	7	46	3	61	5	.53	63	55	59	9.99	999	0
03/26	65	-4	39	-5	52	-5	.00	67	52	60	9.99	999	0
03/27	67	-2	42	-2	55	-2	.00	66	51	59	9.99	999	0
03/28	76	7	54	10	65	8	.40	72	56	64	.06	999	0
03/29	72	2	43	-2	58	0	.26	71	53	62	.34	999	0
03/30	61	-9	35	-10	48	-10	.00	65	49	57	.11	999	0
03/31	63	-8	34	-11	49	-9	.00	66	48	57	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 67.1 Mean Minimum= 38.9 Average= 53.0
 DFN= +1.5 DFN= -2.0 DFN= -.2
 Highest= 82 Lowest= 19

PRECIPITATION STATISTICS:

Total= 4.41 DFN= -2.94 Greatest Daily= 1.16 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= .17 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: THORSBY ALABAMA 1984

DATE	AIR TEMPERATURE							4 INCH SOIL			VED		SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP	WET	
04/ 1	63	-8	37	-9	50	-9	.00	68	50	59	.13	999	0
04/ 2	67	-4	37	-9	52	-7	.00	69	50	60	.19	999	0
04/ 3	71	-1	44	-2	58	-1	.94	67	50	59	.17	999	0
04/ 4	72	0	53	7	63	4	.10	73	56	65	.03	999	0
04/ 5	69	-3	42	-5	56	-4	.00	70	54	62	.21	999	0
04/ 6	69	-4	40	-7	55	-5	.00	63	51	57	.20	999	0
04/ 7	65	-8	42	-5	54	-6	.00	65	51	58	.27	999	0
04/ 8	71	-2	51	4	61	1	.00	68	57	63	.10	999	0
04/ 9	71	-3	50	2	61	0	.79	68	56	62	.07	999	0
04/10	73	-1	47	-1	60	-1	.00	70	57	64	.09	999	0
04/11	63	-11	44	-4	54	-7	.00	67	56	62	.12	999	0
04/12	69	-6	43	-6	56	-6	.00	71	53	63	.13	999	0
04/13	70	-5	46	-3	58	-4	.00	71	55	63	.15	999	0
04/14	76	1	55	6	66	4	88.88	72	58	65	.14	999	0
04/15	69	-6	42	-7	56	-6	.37	68	55	62	9.99	999	0
04/16	61	-15	41	-9	51	-12	.00	65	54	60	.14	999	0
04/17	60	-16	43	-7	52	-11	.00	65	53	59	.09	999	0
04/18	64	-12	40	-10	52	-11	.00	63	52	58	.15	999	0
04/19	69	-8	44	-6	57	-7	.05	69	51	60	.13	999	0
04/20	62	-15	51	0	57	-7	.63	61	55	58	9.99	999	0
04/21	83	6	51	0	67	3	88.88	73	59	67	.18	999	0
04/22	82	5	62	11	72	8	.08	75	64	70	.18	999	0
04/23	70	-8	48	-4	59	-6	.13	73	59	66	9.99	999	0
04/24	75	-3	38	-14	57	-8	.00	70	56	63	.27	999	0
04/25	75	-3	46	-6	61	-4	.00	73	55	64	.28	999	0
04/26	83	5	47	-5	65	0	.00	77	58	68	.24	999	0
04/27	81	3	57	4	69	3	.23	73	60	67	.13	999	0
04/28	82	3	62	9	72	6	.00	77	65	71	.14	999	0
04/29	73	-6	59	6	66	0	.23	70	66	68	9.99	999	0
04/30	81	2	62	9	72	6	.00	76	65	71	.23	999	0

AIR TEMPERATURES:

Mean Maximum= 71.3 Mean Minimum= 47.5 Average= 59.4
 DFN= -4.1 DFN= -2.0 DFN= -3.1
 Highest= 83 Lowest= 37

PRECIPITATION STATISTICS:

Total= 3.55 DFN= -2.52 Greatest Daily= .94 Rain Days= 10

AVERAGE DAILY VALUES:

Pan Evaporation= .16 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit; precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: THORSBY
 ALABAMA

1984

DATE	AIR TEMPERATURE			PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY				
	MAX	DFN	MIN		DFN	AVG	DFN			MEAN	EVAP		
05/ 1	65	-14	50	-4	58	-9	.17	66	61	64	.02	999	0
05/ 2	82	3	55	1	69	2	1.18	75	60	68	9.99	999	0
05/ 3	81	1	53	1	68	1	.49	76	64	70	9.99	999	0
05/ 4	81	1	55	1	68	1	.23	73	60	67	9.99	999	0
05/ 5	78	-2	51	-4	65	-3	.00	79	63	71	9.99	999	0
05/ 6	79	-1	60	5	70	2	.00	76	65	71	.15	999	0
05/ 7	87	7	70	15	79	11	.00	81	71	76	.30	999	0
05/ 8	88	7	60	5	74	6	.71	83	71	77	9.99	999	0
05/ 9	68	-13	41	-15	55	-14	.04	72	61	67	.10	999	0
05/10	72	-9	41	-15	57	-12	.00	75	60	68	.22	999	0
05/11	78	-3	44	-12	61	-9	.00	80	60	70	.16	999	0
05/12	82	1	53	-3	68	-1	.00	82	64	73	.32	999	0
05/13	85	3	57	0	71	1	.00	83	69	76	.25	999	0
05/14	85	3	61	4	73	3	.00	84	69	77	.18	999	0
05/15	86	4	54	-3	70	0	.08	82	68	75	.16	999	0
05/16	78	-4	51	-6	65	-5	.00	82	66	74	.32	999	0
05/17	76	-6	40	-18	58	-12	.00	81	65	73	9.99	999	0
05/18	80	-3	49	-9	65	-6	.00	82	64	73	.23	999	0
05/19	82	-1	54	-4	68	-3	.00	84	66	75	.26	999	0
05/20	83	0	57	-1	70	-1	.00	85	69	77	.19	999	0
05/21	83	0	64	5	74	3	.46	82	70	76	.30	999	0
05/22	81	-3	63	4	72	0	.34	77	71	74	.16	999	0
05/23	78	-6	60	1	69	-3	.06	77	70	74	.06	999	0
05/24	84	0	58	-1	71	-1	88.88	83	70	77	.18	999	0
05/25	85	1	59	-1	72	0	.00	84	70	77	.21	999	0
05/26	87	3	65	5	76	4	.00	86	72	79	.23	999	0
05/27	88	3	62	2	75	2	.00	86	75	81	.20	999	0
05/28	86	1	63	3	75	2	.31	85	74	80	.10	999	0
05/29	86	1	56	-5	71	-2	.81	82	72	77	.14	999	0
05/30	68	-17	44	-17	56	-17	.00	78	64	71	.22	999	0
05/31	68	-18	40	-21	54	-20	.00	75	64	70	.25	999	0

AIR TEMPERATURES:

Mean Maximum= 80.3 Mean Minimum= 54.6 Average= 67.5
 DFN= -2.0 DFN= -2.8 DFN= -2.4
 Highest= 88 Lowest= 40

PRECIPITATION STATISTICS:

Total= 4.88 DFN= +.71 Greatest Daily= 1.18 Rain Days= 12

AVERAGE DAILY VALUES:

Pan Evaporation= .20 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: THORSBY
 ALABAMA

1934

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
06/ 1	75	-11	44	-18	60	-14	.00	79	62	71	.20	999	0
06/ 2	80	-6	51	-11	66	-8	.00	81	65	73	.12	999	0
06/ 3	85	-1	56	-6	71	-3	.00	83	66	75	.25	999	0
06/ 4	87	0	57	-5	72	-3	.00	86	70	78	.26	999	0
06/ 5	90	3	61	-1	76	1	.00	87	70	79	.29	999	0
06/ 6	93	6	60	-3	77	2	.00	88	73	81	.30	999	0
06/ 7	88	1	63	0	76	1	.00	87	73	80	.22	999	0
06/ 8	89	2	67	4	78	3	.00	89	76	83	.34	999	0
06/ 9	89	1	66	3	78	2	.00	89	76	83	.23	999	0
06/10	89	1	67	3	78	2	.00	90	72	81	.19	999	0
06/11	88	0	66	2	77	1	.00	91	77	84	.29	999	0
06/12	91	3	67	3	79	3	.00	92	78	85	.27	999	0
06/13	93	5	62	-2	78	2	.13	94	76	85	.24	999	0
06/14	89	0	62	-2	76	-1	.00	92	75	84	.19	999	0
06/15	91	2	67	2	79	2	.00	77	71	74	.25	999	0
06/16	89	0	68	3	79	2	.10	92	76	84	.23	999	0
06/17	89	0	64	-1	77	0	.00	94	76	85	.18	999	0
06/18	89	0	64	-1	77	0	.00	95	77	86	.25	999	0
06/19	92	3	69	4	81	4	.00	95	79	87	.28	999	0
06/20	96	7	71	5	84	6	.00	97	79	88	.27	999	0
06/21	96	7	69	3	83	5	.00	97	80	89	.24	999	0
06/22	97	7	68	2	83	5	.00	99	82	91	.22	999	0
06/23	95	5	62	-4	79	1	1.05	99	80	90	9.99	999	0
06/24	94	4	60	-6	77	-1	.05	93	80	87	.16	999	0
06/25	90	0	65	-1	78	0	.00	98	72	85	.30	999	0
06/26	90	0	64	-3	77	-2	.00	95	72	84	.33	999	0
06/27	88	-2	66	-1	77	-2	.00	95	74	85	.17	999	0
06/28	91	1	68	1	80	1	.00	95	80	88	.35	999	0
06/29	91	1	70	3	81	2	.00	94	79	87	9.99	999	0
06/30	87	-3	66	-1	77	-2	.49	88	76	82	.19	999	0

AIR TEMPERATURES:

Mean Maximum= 89.7 Mean Minimum= 63.7 Average= 76.7
 DFN= +1.2 DFN= -.9 DFN= +.1
 Highest= 97 Lowest= 44

PRECIPITATION STATISTICS:

Total= 1.87 DFN= -1.84 Greatest Daily= 1.05 Rain Days= 5

AVERAGE DAILY VALUES:

Pan Evaporation= .24 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: THORSEY ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
07/ 1	87	-3	62	-5	75	-4	.03	89	76	83	.14	999	0
07/ 2	87	-3	60	-7	74	-5	1.83	88	73	81	9.99	999	0
07/ 3	87	-3	60	-7	74	-5	.00	89	72	81	.20	999	0
07/ 4	87	-3	67	-1	77	-2	.00	89	77	83	.15	999	0
07/ 5	90	0	68	0	79	0	.00	90	79	85	.20	999	0
07/ 6	89	-1	67	-1	78	-1	.09	91	77	84	.30	999	0
07/ 7	89	-1	66	-2	78	-1	.23	94	77	86	.23	999	0
07/ 8	89	-1	63	-5	76	-3	.13	92	76	84	.13	999	0
07/ 9	87	-3	64	-4	76	-3	.00	91	75	83	.22	999	0
07/10	91	0	69	1	80	0	.00	92	71	82	.31	999	0
07/11	94	3	69	1	82	2	.00	96	80	88	.25	999	0
07/12	92	1	72	4	82	2	.00	95	81	88	.18	999	0
07/13	93	2	67	-1	80	0	.00	97	82	90	.33	999	0
07/14	89	-2	63	-5	76	-4	.10	95	79	87	.06	999	0
07/15	85	-6	68	0	77	-3	88.88	89	78	84	.16	999	0
07/16	92	1	68	-1	80	0	88.88	95	79	87	.20	999	0
07/17	88	-3	66	-3	77	-3	.00	92	80	86	.14	999	0
07/18	84	-7	68	-1	76	-4	.43	93	79	86	.05	999	0
07/19	87	-4	62	-7	75	-5	.00	92	76	84	.35	999	0
07/20	87	-4	62	-7	75	-5	.00	92	76	84	.22	999	0
07/21	84	-7	64	-5	74	-6	.00	999	999	999	.15	999	0
07/22	87	-4	63	-6	75	-5	.00	999	999	999	.15	999	0
07/23	91	0	63	-6	77	-3	.00	95	76	86	.17	999	0
07/24	91	0	65	-4	78	-2	.00	95	79	87	.35	999	0
07/25	92	1	64	-5	78	-2	.00	94	80	87	.27	999	0
07/26	92	1	66	-3	79	-1	.13	97	79	88	.19	999	0
07/27	92	1	68	-1	80	0	.00	94	78	86	.28	999	0
07/28	89	-2	67	-1	78	-2	2.17	90	77	84	9.99	999	0
07/29	95	4	65	-3	80	0	.68	88	76	82	9.99	999	0
07/30	79	-12	62	-6	71	-9	.18	84	75	80	.18	999	0
07/31	75	-16	62	-6	69	-11	.52	78	75	77	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 88.4 Mean Minimum= 65.2 Average= 76.8
 DFN= -2.3 DFN= -3.1 DFN= -2.7
 Highest= 95 Lowest= 60

PRECIPITATION STATISTICS:

Total= 6.54 DFN= +1.42 Greatest Daily= 2.17 Rain Days= 12

AVERAGE DAILY VALUES:

Pan Evaporation= .21 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: THORSBY ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
08/ 1	81	-10	65	-3	73	-7	.03	84	74	79	.25	999	0
08/ 2	74	-17	65	-3	70	-10	1.64	79	75	77	9.99	999	0
08/ 3	73	-18	65	-3	69	-11	1.41	76	74	75	9.99	999	0
08/ 4	85	-6	64	-4	75	-5	.13	88	73	81	9.99	999	0
08/ 5	88	-3	64	-4	76	-4	.00	89	75	82	.15	999	0
08/ 6	87	-4	67	-1	77	-3	.00	90	79	85	.22	999	0
08/ 7	87	-4	64	-4	76	-4	.05	89	76	83	.11	999	0
08/ 8	87	-4	64	-4	76	-4	88.88	91	75	83	.24	999	0
08/ 9	83	-8	64	-4	74	-6	.00	87	77	82	.13	999	0
08/10	88	-3	65	-3	77	-3	.16	95	77	86	.15	999	0
08/11	88	-3	67	-1	78	-2	.06	92	76	84	.30	999	0
08/12	89	-2	67	-1	78	-2	.23	90	78	84	.11	999	0
08/13	88	-3	67	-1	78	-2	.00	92	77	85	.22	999	0
08/14	85	-6	64	-3	75	-4	.53	87	76	82	.14	999	0
08/15	85	-6	64	-3	75	-4	.02	91	76	84	.19	999	0
08/16	87	-4	65	-2	76	-3	.00	92	75	84	.24	999	0
08/17	88	-3	65	-2	77	-2	.00	93	76	85	.21	999	0
08/18	88	-2	65	-2	77	-2	.00	92	77	85	.19	999	0
08/19	89	-1	65	-2	77	-2	.00	93	76	85	.21	999	0
08/20	90	0	66	-1	78	-1	.00	95	78	87	.15	999	0
08/21	89	-1	66	-1	78	-1	.00	95	78	87	.16	999	0
08/22	89	-1	64	-3	77	-2	.00	94	79	87	.24	999	0
08/23	89	-1	64	-3	77	-2	.00	96	78	87	.25	999	0
08/24	87	-3	60	-7	74	-5	.00	95	77	86	.23	999	0
08/25	88	-2	59	-7	74	-4	.00	94	77	86	.19	999	0
08/26	89	-1	62	-4	76	-2	.00	95	76	86	.22	999	0
08/27	86	-3	64	-2	75	-3	88.88	90	79	85	.09	999	0
08/28	84	-5	63	-3	74	-4	.00	87	78	83	.14	999	0
08/29	83	-6	63	-3	73	-5	.00	96	76	86	.19	999	0
08/30	85	-4	63	-3	74	-4	.00	93	78	86	.23	999	0
08/31	85	-4	64	-2	75	-3	.00	93	78	86	.14	999	0

AIR TEMPERATURES:

Mean Maximum= 85.9 Mean Minimum= 64.3 Average= 75.1
 DFN= -4.5 DFN= -2.9 DFN= -3.7
 Highest= 90 Lowest= 59

PRECIPITATION STATISTICS:

Total= 4.26 DFN= +.17 Greatest Daily= 1.64 Rain Days= 10

AVERAGE DAILY VALUES:

Pan Evaporation= .19 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: THORSBY
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
09/ 1	92	3	61	-5	77	-1	.00	100	78	89	.22	999	0
09/ 2	91	2	63	-3	77	-1	.00	99	80	90	.33	999	0
09/ 3	92	4	62	-4	77	0	.00	97	80	89	.21	999	0
09/ 4	88	0	65	0	77	0	.29	97	79	88	.08	999	0
09/ 5	75	-13	53	-12	64	-13	.00	81	68	75	.12	999	0
09/ 6	81	-7	53	-12	67	-10	.00	85	67	76	.15	999	0
09/ 7	83	-5	53	-12	68	-9	.00	88	68	78	.12	999	0
09/ 8	86	-2	55	-10	71	-6	.00	86	74	80	.23	999	0
09/ 9	87	0	56	-8	72	-4	.00	85	74	80	.20	999	0
09/10	88	1	58	-6	73	-3	.00	88	73	81	.21	999	0
09/11	86	-1	59	-5	73	-3	.00	87	76	82	.14	999	0
09/12	91	4	61	-3	76	0	1.18	90	71	81	9.99	999	0
09/13	90	3	59	-4	75	0	.00	87	71	79	.26	999	0
09/14	91	5	60	-3	76	1	.00	86	76	81	.18	999	0
09/15	88	2	65	2	77	2	.00	999	999	999	.21	999	0
09/16	91	5	51	-11	71	-3	.00	88	71	80	.21	999	0
09/17	80	-6	52	-10	66	-8	.00	83	70	77	.20	999	0
09/18	68	-17	53	-9	61	-13	.00	76	71	74	.17	999	0
09/19	76	-9	50	-11	63	-10	.00	80	70	75	.16	999	0
09/20	81	-4	48	-13	65	-8	.00	83	71	77	.16	999	0
09/21	83	-1	48	-12	66	-6	.00	85	71	78	.22	999	0
09/22	83	-1	59	-1	71	-1	.00	999	999	999	.21	999	0
09/23	86	2	60	0	73	1	.00	85	70	78	.21	999	0
09/24	87	3	59	0	73	1	.00	87	75	81	.18	999	0
09/25	86	3	57	-2	72	1	.00	87	75	81	.26	999	0
09/26	88	5	56	-2	72	1	.00	88	75	82	.23	999	0
09/27	89	6	52	-6	71	0	.00	87	75	81	.23	999	0
09/28	83	1	55	-2	69	-1	.00	88	73	81	.20	999	0
09/29	81	-1	47	-10	64	-6	.00	85	72	79	.12	999	0
09/30	71	-11	45	-11	58	-11	.00	79	70	75	.12	999	0

AIR TEMPERATURES:

Mean Maximum= 84.7 Mean Minimum= 55.8 Average= 70.3
 DFN= -1.0 DFN= -6.2 DFN= -3.6
 Highest= 92 Lowest= 45

PRECIPITATION STATISTICS:

Total= 1.47 DFN= -3.09 Greatest Daily= 1.18 Rain Days= 2

AVERAGE DAILY VALUES:

Pan Evaporation= .19 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: THORSBY
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
10/ 1	69	-12	38	-17	54	-14	.00	78	67	73	.13	999	0
10/ 2	69	-12	36	-19	53	-15	.00	79	65	72	.13	999	0
10/ 3	73	-8	36	-18	55	-13	.00	80	64	72	.15	999	0
10/ 4	73	-7	36	-18	55	-12	.00	81	65	73	.22	999	0
10/ 5	74	-6	41	-12	58	-9	.00	79	67	73	.16	999	0
10/ 6	81	1	42	-11	62	-5	.00	81	67	74	.20	999	0
10/ 7	85	6	52	0	69	3	.00	89	70	80	.14	999	0
10/ 8	80	1	58	6	69	3	.00	80	70	75	.15	999	0
10/ 9	77	-2	53	2	65	0	1.42	78	70	74	9.99	999	0
10/10	72	-6	55	4	64	-1	.16	74	68	71	9.99	999	0
10/11	73	-5	54	4	64	0	.00	77	66	72	.08	999	0
10/12	80	2	51	1	66	2	.00	78	67	73	.12	999	0
10/13	83	6	50	1	67	4	.00	78	65	72	.19	999	0
10/14	84	7	50	1	67	4	.00	80	68	74	.16	999	0
10/15	85	9	58	10	72	10	.00	89	67	78	.16	999	0
10/16	77	1	59	11	68	6	.75	77	70	74	9.99	999	0
10/17	81	5	60	12	71	9	88.88	78	71	75	.07	999	0
10/18	82	7	57	10	70	9	.00	80	71	76	.12	999	0
10/19	84	9	57	10	71	10	.00	80	70	75	.15	999	0
10/20	82	7	61	15	72	11	.00	77	72	75	.11	999	0
10/21	82	8	61	15	72	12	.00	78	72	75	.16	999	0
10/22	73	-1	57	11	65	5	2.76	73	68	71	9.99	999	0
10/23	81	7	58	13	70	10	.20	78	67	73	9.99	999	0
10/24	78	5	58	13	68	9	.04	77	70	74	.08	999	0
10/25	82	9	58	14	70	11	.00	80	70	75	.08	999	0
10/26	81	8	55	11	68	9	.00	81	68	75	.14	999	0
10/27	82	10	56	12	69	11	.00	80	67	74	.13	999	0
10/28	80	8	55	12	68	10	.14	79	68	73	.04	999	0
10/29	74	3	61	18	68	11	.41	78	71	75	.04	999	0
10/30	83	12	52	9	68	11	.00	83	70	77	.10	999	0
10/31	84	13	53	11	69	12	.00	83	68	76	.13	999	0

AIR TEMPERATURES:

Mean Maximum= 79.8 Mean Minimum= 52.5 Average= 65.7
 DFN= +2.7 DFN= +4.2 DFN= +3.5
 Highest= 85 Lowest= 36

PRECIPITATION STATISTICS:

Total= 5.88 DFN= +3.09 Greatest Daily= 2.76 Rain Days= 8

AVERAGE DAILY VALUES:

Pan Evaporation= .13 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 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. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: THORSBY
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
11/ 1	83	13	56	14	70	14	.00	80	67	74	.10	999	0
11/ 2	76	6	57	15	67	11	.04	75	69	72	.06	999	0
11/ 3	65	-5	45	3	55	-1	.90	69	61	65	.02	999	0
11/ 4	68	-1	45	4	57	2	.15	69	60	65	.13	999	0
11/ 5	54	-15	48	7	51	-4	.04	64	61	63	9.99	999	0
11/ 6	67	-2	37	-4	52	-3	.00	70	55	63	.11	999	0
11/ 7	61	-7	29	-12	45	-10	.00	66	51	59	9.99	999	0
11/ 8	60	-9	38	-2	49	-5	.00	65	50	58	.01	999	0
11/ 9	60	-7	33	-7	47	-7	.00	65	50	58	.12	999	0
11/10	68	1	30	-10	49	-5	.00	65	50	58	9.99	999	0
11/11	63	-4	30	-9	47	-6	1.12	64	52	58	9.99	999	0
11/12	53	-13	31	-8	42	-11	.00	59	50	55	9.99	999	0
11/13	53	-13	25	-14	39	-14	.00	61	45	53	9.99	999	0
11/14	54	-12	25	-14	40	-13	.00	60	44	52	9.99	999	0
11/15	65	0	26	-13	46	-6	.00	61	45	53	9.99	999	0
11/16	70	5	34	-2	53	1	.07	62	49	56	.05	999	0
11/17	62	-3	29	-9	46	-6	.00	65	47	56	9.99	999	0
11/18	60	-5	32	-6	46	-6	.00	65	49	57	.09	999	0
11/19	75	11	49	11	62	11	.10	66	49	58	9.99	999	0
11/20	55	-9	35	-2	45	-6	.00	60	52	56	.05	999	0
11/21	53	-11	31	-6	42	-9	.00	65	49	57	9.99	999	0
11/22	51	-12	23	-14	37	-13	.00	59	44	52	9.99	999	0
11/23	52	-11	24	-13	38	-12	.00	56	42	49	9.99	999	0
11/24	54	-9	25	-11	40	-10	.00	56	42	49	9.99	999	0
11/25	67	5	29	-7	48	-1	.00	56	42	49	9.99	999	0
11/26	68	6	31	-5	50	1	.00	62	45	54	9.99	999	0
11/27	72	10	38	2	55	6	.00	63	47	55	.07	999	0
11/28	64	3	32	-4	48	-1	2.32	61	50	56	9.99	999	0
11/29	51	-10	21	-14	36	-12	.00	59	43	51	9.99	999	0
11/30	52	-9	21	-14	37	-11	.00	57	46	52	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 61.9 Mean Minimum= 33.7 Average= 47.8
 DFN= -3.5 DFN= -4.8 DFN= -4.2
 Highest= 83 Lowest= 21

PRECIPITATION STATISTICS:

Total= 4.74 DFN= +1.29 Greatest Daily= 2.32 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= .07 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: THORSBY
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
12/ 1	61	0	35	0	48	0	.04	55	46	51	9.99	999	0
12/ 2	60	0	36	1	48	0	.00	61	49	55	9.99	999	0
12/ 3	58	-2	41	6	50	2	1.59	54	48	51	9.99	999	0
12/ 4	57	-3	25	-9	41	-6	.00	61	44	53	9.99	999	0
12/ 5	42	-17	27	-7	35	-12	1.14	45	42	44	9.99	999	0
12/ 6	46	-13	34	0	40	-7	38.88	47	45	46	9.99	999	0
12/ 7	44	-15	18	-16	31	-16	.00	50	35	43	9.99	999	0
12/ 8	38	-21	18	-16	28	-19	.00	51	35	43	9.99	999	0
12/ 9	59	1	26	-8	43	-3	.00	51	35	43	9.99	999	0
12/10	65	7	40	6	53	7	.00	56	42	49	9.99	999	0
12/11	68	10	39	6	54	8	.00	60	47	54	9.99	999	0
12/12	68	10	39	6	54	8	.00	61	46	54	9.99	999	0
12/13	69	11	44	11	57	11	.00	59	47	53	9.99	999	0
12/14	73	16	50	17	62	17	.00	65	53	59	9.99	999	0
12/15	79	22	49	16	64	19	.00	66	53	60	9.99	999	0
12/16	69	12	49	16	59	14	.00	67	54	61	9.99	999	0
12/17	73	16	49	16	61	16	.00	65	55	60	9.99	999	0
12/18	75	19	50	17	63	18	.00	68	54	61	9.99	999	0
12/19	75	19	52	20	64	20	.00	68	56	62	9.99	999	0
12/20	73	17	53	21	63	19	.00	66	56	61	9.99	999	0
12/21	62	6	52	20	57	13	.00	63	58	61	9.99	999	0
12/22	72	16	54	22	63	19	.27	66	61	64	9.99	999	0
12/23	67	11	37	5	52	8	.00	67	49	58	9.99	999	0
12/24	63	8	40	8	52	8	.00	60	47	54	9.99	999	0
12/25	81	26	52	20	67	23	.05	65	55	60	9.99	999	0
12/26	60	5	39	7	50	6	.00	62	48	55	9.99	999	0
12/27	72	17	39	7	56	12	.00	64	48	56	9.99	999	0
12/28	68	13	45	13	57	13	.00	61	51	56	9.99	999	0
12/29	76	21	51	19	64	20	.00	68	53	61	9.99	999	0
12/30	68	13	52	20	60	16	.01	67	55	61	9.99	999	0
12/31	76	22	58	26	67	24	.00	71	60	66	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 65.1 Mean Minimum= 41.7 Average= 53.4
 DFN= +8.0 DFN= +8.7 DFN= +8.3
 Highest= 81 Lowest= 18

PRECIPITATION STATISTICS:

Total= 3.10 DFN= -2.45 Greatest Daily= 1.59 Rain Days= 6

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: MARION JUNCTION 1984
 ALABAMA

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
01/ 1	40	-16	8	-27	24	-22	.00	36	35	36	9.99	999	0
01/ 2	52	-4	14	-21	33	-13	.00	35	35	35	9.99	999	0
01/ 3	52	-4	20	-15	36	-10	.00	37	35	36	9.99	999	0
01/ 4	55	-1	20	-14	38	-7	.00	41	35	38	9.99	999	0
01/ 5	59	3	22	-12	41	-4	.01	42	39	41	9.99	999	0
01/ 6	60	4	28	-6	44	-1	.00	45	42	44	9.99	999	0
01/ 7	68	12	28	-6	48	3	.00	47	42	45	9.99	999	0
01/ 8	58	2	24	-10	41	-4	.00	46	43	45	9.99	999	0
01/ 9	68	12	26	-8	47	2	.00	47	42	45	9.99	999	0
01/10	68	12	35	1	52	7	.77	48	45	47	9.99	999	0
01/11	57	2	20	-14	39	-6	.10	46	43	45	9.99	999	0
01/12	40	-15	20	-14	30	-15	.00	43	40	42	9.99	999	0
01/13	50	-5	22	-12	36	-9	88.88	43	40	42	9.99	999	0
01/14	49	-6	33	-1	41	-4	.00	48	41	45	9.99	999	0
01/15	56	1	30	-4	43	-2	.28	44	41	43	9.99	999	0
01/16	40	-16	32	-2	36	-9	.06	45	44	45	9.99	999	0
01/17	45	-11	34	0	40	-5	88.88	45	45	45	9.99	999	0
01/18	50	-6	34	0	42	-3	.70	45	45	45	9.99	999	0
01/19	45	-11	21	-13	33	-12	.80	45	42	44	9.99	999	0
01/20	36	-20	13	-21	25	-20	.00	42	28	35	9.99	999	0
01/21	39	-17	13	-21	26	-19	.00	40	37	39	9.99	999	0
01/22	37	-19	10	-24	24	-21	.00	37	36	37	9.99	999	0
01/23	46	-10	10	-25	28	-18	.00	36	35	36	9.99	999	0
01/24	48	-8	33	-2	41	-5	.50	42	35	39	9.99	999	0
01/25	55	-1	43	8	49	3	.50	47	42	45	9.99	999	0
01/26	48	-8	29	-7	38	-8	.00	48	42	45	9.99	999	0
01/27	57	0	27	-8	42	-4	.26	49	44	47	9.99	999	0
01/28	59	2	28	-7	44	-2	.00	52	47	50	9.99	999	0
01/29	44	-13	25	-10	35	-11	.00	47	43	45	9.99	999	0
01/30	50	-7	25	-10	38	-8	.00	48	41	45	9.99	999	0
01/31	55	-2	22	-13	39	-7	.00	47	41	44	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 51.2 Mean Minimum= 24.1 Average= 37.6
 DFN= -4.8 DFN= -10.3 DFN= -7.5
 Highest= 68 Lowest= 8

PRECIPITATION STATISTICS:

Total= 3.98 DFN= -1.03 Greatest Daily= .80 Rain Days= 10

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
02/ 1	47	-10	22	-13	35	-11	.00	45	40	43	9.99	999	0
02/ 2	61	3	22	-13	42	-5	.00	46	40	43	9.99	999	0
02/ 3	67	9	27	-8	47	0	.12	48	42	45	9.99	999	0
02/ 4	50	-8	31	-4	41	-6	.35	46	45	46	9.99	999	0
02/ 5	50	-8	27	-8	39	-8	.00	49	43	46	9.99	999	0
02/ 6	54	-5	16	-19	35	-12	.00	46	41	44	9.99	999	0
02/ 7	39	-20	16	-19	28	-19	.00	41	39	40	9.99	999	0
02/ 8	49	-10	16	-20	33	-15	.00	41	36	39	9.99	999	0
02/ 9	55	-4	21	-15	38	-10	.00	45	39	42	9.99	999	0
02/10	67	8	25	-11	46	-2	.07	47	40	44	9.99	999	0
02/11	58	-2	46	10	52	4	.90	50	46	48	9.99	999	0
02/12	75	15	49	13	62	14	.00	58	50	54	9.99	999	0
02/13	75	15	49	13	62	14	.62	58	52	55	9.99	999	0
02/14	60	0	36	0	48	0	.06	56	51	54	9.99	999	0
02/15	67	7	31	-5	49	1	.00	58	49	54	9.99	999	0
02/16	71	10	31	-6	51	2	.12	59	49	54	9.99	999	0
02/17	73	12	45	8	59	10	.00	60	51	56	9.99	999	0
02/18	70	9	30	-7	50	1	.00	60	52	56	9.99	999	0
02/19	76	15	35	-2	56	7	88.88	60	52	56	9.99	999	0
02/20	65	3	40	3	53	3	.08	55	53	54	9.99	999	0
02/21	57	-5	38	0	48	-2	.04	55	51	53	9.99	999	0
02/22	60	-2	34	-4	47	-3	88.88	55	50	53	9.99	999	0
02/23	57	-5	39	1	48	-2	.10	52	50	51	9.99	999	0
02/24	66	3	38	0	52	1	.00	57	49	53	9.99	999	0
02/25	71	8	31	-7	51	0	.00	56	49	53	9.99	999	0
02/26	62	-1	30	-9	46	-5	.00	56	48	52	9.99	999	0
02/27	68	5	36	-3	52	1	1.33	54	47	51	9.99	999	0
02/28	64	1	27	-12	46	-5	.06	57	46	52	9.99	999	0
02/29	40	-23	24	-15	32	-19	88.88	47	41	44	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 61.2 Mean Minimum= 31.4 Average= 46.3
 DFN= +.7 DFN= -5.2 DFN= -2.3
 Highest= 76 Lowest= 16

PRECIPITATION STATISTICS:

Total= 3.85 DFN= -.94 Greatest Daily= 1.33 Rain Days= 12

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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 ALABAMA

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
03/ 1	45	-19	20	-19	33	-19	.00	44	41	43	9.99	999	0
03/ 2	53	-11	20	-20	37	-15	.00	49	43	46	9.99	999	0
03/ 3	63	-1	29	-12	46	-6	.00	52	50	51	9.99	999	0
03/ 4	57	-9	41	1	49	-4	.15	52	50	51	9.99	999	0
03/ 5	74	9	43	2	59	6	.64	58	49	54	9.99	999	0
03/ 6	61	-4	39	-3	50	-3	.53	56	54	55	9.99	999	0
03/ 7	48	-17	26	-15	37	-16	.01	54	45	50	9.99	999	0
03/ 8	53	-13	25	-16	39	-15	.00	52	44	48	9.99	999	0
03/ 9	68	2	25	-17	47	-7	.00	54	44	49	9.99	999	0
03/10	50	-16	26	-16	38	-16	.00	53	44	49	9.99	999	0
03/11	53	-13	29	-13	41	-13	.00	50	44	47	9.99	999	0
03/12	65	-2	29	-13	47	-8	.00	55	44	50	9.99	999	0
03/13	66	-1	40	-3	53	-2	.02	53	47	50	9.99	999	0
03/14	74	7	39	-4	57	2	.00	61	53	57	9.99	999	0
03/15	82	15	42	-1	62	7	.00	65	53	59	9.99	999	0
03/16	85	17	49	6	67	11	.00	67	56	62	9.99	999	0
03/17	81	13	53	9	67	11	88.88	66	58	62	9.99	999	0
03/18	76	8	50	6	63	7	.52	68	60	64	9.99	999	0
03/19	81	12	50	6	66	9	.00	70	60	65	9.99	999	0
03/20	82	13	55	10	69	12	.82	69	61	65	9.99	999	0
03/21	55	-14	33	-12	44	-13	.07	62	50	56	9.99	999	0
03/22	65	-5	35	-10	50	-8	.00	56	50	53	9.99	999	0
03/23	74	4	39	-5	57	-1	.00	63	50	57	9.99	999	0
03/24	78	8	41	-5	60	2	.00	65	54	60	9.99	999	0
03/25	73	2	37	-9	55	-4	.80	61	56	59	9.99	999	0
03/26	63	-8	38	-8	51	-8	.00	65	54	60	9.99	999	0
03/27	68	-3	40	-6	54	-5	.00	62	54	58	9.99	999	0
03/28	77	6	53	6	65	6	.30	67	57	62	9.99	999	0
03/29	77	5	43	-4	60	0	.03	66	55	61	9.99	999	0
03/30	61	-11	35	-12	48	-12	.00	60	50	55	9.99	999	0
03/31	64	-8	33	-15	49	-11	.00	60	50	55	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 66.8 Mean Minimum= 37.3 Average= 52.0
 DFN= -1.1 DFN= -6.2 DFN= -3.6
 Highest= 85 Lowest= 20

PRECIPITATION STATISTICS:

Total= 3.89 DFN= -2.93 Greatest Daily= .82 Rain Days= 11

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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 ALABAMA

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
04/ 1	67	-6	35	-13	51	-10	.00	67	53	60	9.99	999	0
04/ 2	69	-4	38	-10	54	-7	.00	67	53	60	9.99	999	0
04/ 3	72	-2	43	-5	58	-3	1.82	63	53	58	9.99	999	0
04/ 4	78	4	51	2	65	3	.05	69	59	64	9.99	999	0
04/ 5	68	-6	44	-5	56	-6	.00	68	56	62	9.99	999	0
04/ 6	61	-13	37	-12	49	-13	.00	61	52	57	9.99	999	0
04/ 7	70	-5	39	-11	55	-8	.00	65	52	59	9.99	999	0
04/ 8	72	-3	42	-9	57	-6	.00	65	53	59	9.99	999	0
04/ 9	64	-11	50	0	57	-6	.73	58	57	58	9.99	999	0
04/10	71	-5	50	0	61	-2	.00	69	58	64	9.99	999	0
04/11	65	-11	43	-8	54	-10	.00	65	57	61	9.99	999	0
04/12	63	-13	43	-8	53	-11	.00	66	56	61	9.99	999	0
04/13	69	-7	45	-6	57	-7	.00	64	56	60	9.99	999	0
04/14	76	-1	45	-6	61	-3	.00	69	57	63	9.99	999	0
04/15	70	-7	42	-10	56	-9	.30	67	56	62	9.99	999	0
04/16	63	-14	38	-14	51	-14	.00	64	54	59	9.99	999	0
04/17	65	-12	40	-12	53	-12	.01	64	54	59	9.99	999	0
04/18	65	-13	38	-14	52	-13	.05	63	53	58	9.99	999	0
04/19	71	-7	42	-11	57	-9	.02	68	53	61	9.99	999	0
04/20	74	-4	55	2	65	-1	.15	65	58	62	9.99	999	0
04/21	85	7	60	7	73	7	.00	75	61	68	9.99	999	0
04/22	85	6	57	4	71	5	88.88	76	67	72	9.99	999	0
04/23	77	-2	47	-7	62	-5	.23	75	63	69	9.99	999	0
04/24	67	-12	38	-16	53	-14	.00	71	58	65	9.99	999	0
04/25	75	-4	38	-16	57	-10	.00	72	58	65	9.99	999	0
04/26	84	4	45	-9	65	-2	.00	77	59	68	9.99	999	0
04/27	80	0	51	-4	66	-2	.10	70	61	66	9.99	999	0
04/28	85	5	62	7	74	6	.00	76	66	71	9.99	999	0
04/29	81	1	61	6	71	3	1.95	75	68	72	9.99	999	0
04/30	79	-1	61	6	70	2	.00	75	68	72	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 72.4 Mean Minimum= 46.0 Average= 59.2
 DFN= -4.5 DFN= -5.7 DFN= -5.1
 Highest= 85 Lowest= 35

PRECIPITATION STATISTICS:

Total= 5.46 DFN= +.04 Greatest Daily= 1.95 Rain Days= 11

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

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 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Farenheit, precipitation and evaporation are in
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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
05/ 1	78	-2	51	-5	65	-3	88.88	74	65	70	9.99	999	0
05/ 2	70	-11	51	-5	61	-8	.08	68	63	66	9.99	999	0
05/ 3	83	2	56	0	70	1	1.02	75	63	69	9.99	999	0
05/ 4	77	-4	55	-1	66	-3	1.09	77	68	73	9.99	999	0
05/ 5	77	-4	53	-4	65	-4	.00	81	68	75	9.99	999	0
05/ 6	80	-1	53	-4	67	-2	88.88	75	68	72	9.99	999	0
05/ 7	89	8	69	12	79	10	.00	82	71	77	9.99	999	0
05/ 8	90	8	60	3	75	5	.40	84	73	79	9.99	999	0
05/ 9	69	-13	42	-15	56	-14	.02	73	62	68	9.99	999	0
05/10	73	-9	41	-17	57	-13	.00	75	62	69	9.99	999	0
05/11	78	-4	43	-15	61	-9	.00	79	62	71	9.99	999	0
05/12	83	1	50	-8	67	-3	.00	81	66	74	9.99	999	0
05/13	83	0	53	-5	68	-3	.00	84	68	76	9.99	999	0
05/14	86	3	60	1	73	2	.00	85	70	78	9.99	999	0
05/15	88	5	54	-5	71	0	.04	85	71	78	9.99	999	0
05/16	79	-4	49	-10	64	-7	.00	83	68	76	9.99	999	0
05/17	78	-6	43	-16	61	-11	.00	82	66	74	9.99	999	0
05/18	80	-4	43	-17	62	-10	.00	84	66	75	9.99	999	0
05/19	84	0	47	-13	66	-6	.00	85	68	77	9.99	999	0
05/20	85	1	54	-6	70	-2	.00	87	71	79	9.99	999	0
05/21	83	-1	59	-1	71	-1	.12	81	71	76	9.99	999	0
05/22	81	-4	60	-1	71	-2	1.55	77	71	74	9.99	999	0
05/23	76	-9	59	-2	68	-5	.09	77	71	74	9.99	999	0
05/24	84	-1	59	-2	72	-1	.00	84	71	78	9.99	999	0
05/25	86	1	60	-1	73	0	.00	86	73	80	9.99	999	0
05/26	88	2	65	3	77	3	.00	85	75	80	9.99	999	0
05/27	90	4	64	2	77	3	.00	89	76	83	9.99	999	0
05/28	90	4	65	3	78	4	88.88	88	77	83	9.99	999	0
05/29	87	1	55	-7	71	-3	.37	83	74	79	9.99	999	0
05/30	69	-17	41	-22	55	-20	.00	78	65	72	9.99	999	0
05/31	69	-18	40	-23	55	-20	.00	75	63	69	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 81.1 Mean Minimum= 53.4 Average= 67.2
 DFN= -2.3 DFN= -5.8 DFN= -4.1
 Highest= 90 Lowest= 40

PRECIPITATION STATISTICS:

Total= 4.78 DFN= +.85 Greatest Daily= 1.55 Rain Days= 10

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Farenheit, precipitation and evaporation are in
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 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
06/ 1	75	-12	40	-23	58	-17	.00	80	63	72	9.99	999	0
06/ 2	80	-7	45	-19	63	-13	.00	83	66	75	9.99	999	0
06/ 3	85	-3	51	-13	68	-8	.00	86	69	78	9.99	999	0
06/ 4	88	0	54	-10	71	-5	.00	88	71	80	9.99	999	0
06/ 5	89	1	56	-8	73	-3	.00	89	73	81	9.99	999	0
06/ 6	88	0	58	-6	73	-3	.00	90	75	83	9.99	999	0
06/ 7	90	2	59	-6	75	-2	.00	88	75	82	9.99	999	0
06/ 8	89	0	64	-1	77	0	.00	90	78	84	9.99	999	0
06/ 9	90	1	64	-1	77	0	.00	91	78	85	9.99	999	0
06/10	91	2	65	0	78	1	.00	91	78	85	9.99	999	0
06/11	90	1	63	-3	77	-1	.00	91	78	85	9.99	999	0
06/12	95	6	63	-3	79	1	.00	92	78	85	9.99	999	0
06/13	94	5	62	-4	78	0	88.88	92	79	86	9.99	999	0
06/14	90	0	62	-4	76	-2	.00	93	70	82	9.99	999	0
06/15	94	4	64	-2	79	1	.20	91	78	85	9.99	999	0
06/16	87	-3	65	-2	76	-3	.60	85	77	81	9.99	999	0
06/17	89	-1	63	-4	76	-3	.00	89	77	83	9.99	999	0
06/18	89	-1	62	-5	76	-3	.00	90	77	84	9.99	999	0
06/19	92	2	65	-2	79	0	.00	91	79	85	9.99	999	0
06/20	95	5	69	2	82	3	.00	93	80	87	9.99	999	0
06/21	96	5	68	1	82	3	.00	91	81	86	9.99	999	0
06/22	97	6	66	-1	82	3	88.88	93	81	87	9.99	999	0
06/23	94	3	66	-2	80	0	.00	94	81	88	9.99	999	0
06/24	93	2	65	-3	79	-1	1.35	93	80	87	9.99	999	0
06/25	90	-1	65	-3	78	-2	.00	89	80	85	9.99	999	0
06/26	88	-3	59	-9	74	-6	.00	90	78	84	9.99	999	0
06/27	88	-3	59	-9	74	-6	.00	89	78	84	9.99	999	0
06/28	91	0	64	-4	78	-2	.00	90	80	85	9.99	999	0
06/29	91	0	66	-2	79	-1	.00	91	81	86	9.99	999	0
06/30	85	-6	61	-7	73	-7	1.00	86	76	81	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 89.3 Mean Minimum= 61.1 Average= 75.4
 DFN= +.2 DFN= -5.1 DFN= -2.5
 Highest= 97 Lowest= 40

PRECIPITATION STATISTICS:

Total= 3.15 DFN= -.96 Greatest Daily= 1.35 Rain Days= 4

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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 ALABAMA

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
07/ 1	86	-5	61	-7	74	-6	.04	86	77	82	9.99	999	0
07/ 2	88	-3	59	-10	74	-6	.08	87	76	82	9.99	999	0
07/ 3	90	-1	59	-10	75	-5	.00	89	76	83	9.99	999	0
07/ 4	93	2	66	-3	80	0	.00	92	80	86	9.99	999	0
07/ 5	93	2	68	-1	81	1	.00	92	81	87	9.99	999	0
07/ 6	92	1	65	-4	79	-1	88.88	93	82	88	9.99	999	0
07/ 7	92	0	63	-6	78	-3	.52	90	80	85	9.99	999	0
07/ 8	93	1	62	-7	78	-3	.92	92	79	86	9.99	999	0
07/ 9	88	-4	63	-6	76	-5	.00	91	79	85	9.99	999	0
07/10	92	0	66	-3	79	-2	.00	92	81	87	9.99	999	0
07/11	95	3	68	-1	82	1	.00	94	82	88	9.99	999	0
07/12	94	2	68	-1	81	0	.00	95	84	90	9.99	999	0
07/13	95	3	66	-3	81	0	.00	93	83	88	9.99	999	0
07/14	92	0	64	-5	78	-3	.20	92	82	87	9.99	999	0
07/15	87	-5	65	-4	76	-5	.00	88	81	85	9.99	999	0
07/16	93	1	66	-3	80	-1	.10	91	81	86	9.99	999	0
07/17	90	-2	65	-4	78	-3	.00	89	81	85	9.99	999	0
07/18	92	0	65	-4	79	-2	.37	91	81	86	9.99	999	0
07/19	87	-5	60	-9	74	-7	.09	87	78	83	9.99	999	0
07/20	89	-3	62	-7	76	-5	.00	87	78	83	9.99	999	0
07/21	88	-4	63	-7	76	-5	.00	87	79	83	9.99	999	0
07/22	90	-2	63	-7	77	-4	.00	89	79	84	9.99	999	0
07/23	93	1	61	-9	77	-4	.49	90	79	85	9.99	999	0
07/24	87	-5	61	-9	74	-7	.00	86	79	83	9.99	999	0
07/25	90	-2	63	-7	77	-4	.09	88	79	84	9.99	999	0
07/26	91	-1	63	-7	77	-4	.00	91	79	85	9.99	999	0
07/27	93	1	65	-5	79	-2	.00	92	81	87	9.99	999	0
07/28	92	0	64	-6	78	-3	1.30	87	79	83	9.99	999	0
07/29	92	0	63	-7	78	-3	.10	83	78	81	9.99	999	0
07/30	80	-12	62	-8	71	-10	.17	81	77	79	9.99	999	0
07/31	74	-18	60	-9	67	-14	.18	77	75	76	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 90.0 Mean Minimum= 63.5 Average= 76.8
 DFN= -1.8 DFN= -5.3 DFN= -3.8
 Highest= 95 Lowest= 59

PRECIPITATION STATISTICS:

Total= 4.65 DFN= -.04 Greatest Daily= 1.30 Rain Days= 14

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
08/ 1	85	-7	63	-7	74	-7	88.88	82	75	79	9.99	999	0
08/ 2	74	-18	64	-6	69	-12	1.07	77	73	76	9.99	999	0
08/ 3	75	-17	63	-7	69	-12	1.10	75	73	75	9.99	999	0
08/ 4	86	-6	63	-6	75	-6	.03	82	75	79	9.99	999	0
08/ 5	90	-2	64	-5	77	-4	.00	86	77	82	9.99	999	0
08/ 6	87	-5	63	-6	75	-6	88.88	84	77	81	9.99	999	0
08/ 7	89	-3	62	-7	76	-5	.34	87	78	83	9.99	999	0
08/ 8	89	-3	62	-7	76	-5	.00	87	78	83	9.99	999	0
08/ 9	82	-10	63	-6	73	-8	88.88	84	78	81	9.99	999	0
08/10	88	-4	62	-7	75	-6	.04	86	78	82	9.99	999	0
08/11	88	-4	62	-7	75	-6	88.88	87	78	83	9.99	999	0
08/12	81	-11	64	-5	73	-8	.42	82	78	80	9.99	999	0
08/13	88	-4	65	-4	77	-4	.32	87	78	83	9.99	999	0
08/14	88	-4	63	-6	76	-5	.32	87	79	83	9.99	999	0
08/15	82	-10	62	-7	72	-9	.52	84	77	81	9.99	999	0
08/16	88	-4	63	-6	76	-5	88.88	86	77	82	9.99	999	0
08/17	90	-2	65	-4	79	-3	.00	87	80	84	9.99	999	0
08/18	90	-1	65	-4	78	-2	.00	87	80	84	9.99	999	0
08/19	90	-1	64	-5	77	-3	.00	88	80	84	9.99	999	0
08/20	90	-1	68	-1	79	-1	.05	88	80	84	9.99	999	0
08/21	88	-3	64	-5	76	-4	.08	89	80	85	9.99	999	0
08/22	89	-2	65	-4	77	-3	.00	88	80	84	9.99	999	0
08/23	91	0	65	-3	78	-2	.00	90	80	85	9.99	999	0
08/24	88	-3	57	-11	73	-7	.00	89	79	84	9.99	999	0
08/25	89	-2	57	-11	73	-7	.00	88	79	84	9.99	999	0
08/26	90	-1	59	-9	75	-5	.00	88	79	84	9.99	999	0
08/27	88	-2	64	-4	76	-3	.67	87	80	84	9.99	999	0
08/28	85	-5	63	-5	74	-5	88.88	86	79	83	9.99	999	0
08/29	89	-1	63	-5	76	-3	88.88	87	79	83	9.99	999	0
08/30	87	-3	63	-5	75	-4	.20	87	78	83	9.99	999	0
08/31	89	-1	63	-5	76	-3	.00	87	78	83	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 86.9 Mean Minimum= 63.0 Average= 74.9
 DFN= -4.5 DFN= -5.8 DFN= -5.2
 Highest= 91 Lowest= 57

PRECIPITATION STATISTICS:

Total= 5.16 DFN= +1.63 Greatest Daily= 1.10 Rain Days= 13

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

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 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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 ALABAMA

DATE	AIR TEMPERATURE							PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN	MAX		MIN	MEAN				
09/ 1	90	0	65	-3	78	-1	.00	90	90	85	9.99	999	0	
09/ 2	92	2	60	-7	76	-3	.00	90	79	85	9.99	999	0	
09/ 3	93	4	62	-5	78	0	.00	90	79	85	9.99	999	0	
09/ 4	91	2	63	-4	77	-1	.75	89	79	84	9.99	999	0	
09/ 5	75	-14	49	-19	62	-16	.01	79	72	76	9.99	999	0	
09/ 6	82	-7	49	-19	66	-12	.00	82	72	77	9.99	999	0	
09/ 7	83	-6	51	-16	67	-11	.00	83	72	78	9.99	999	0	
09/ 8	81	-8	49	-17	65	-13	.00	81	72	77	9.99	999	0	
09/ 9	84	-4	55	-11	70	-7	.00	83	73	78	9.99	999	0	
09/10	84	-4	55	-11	70	-7	.00	83	74	79	9.99	999	0	
09/11	90	2	60	-6	75	-2	.01	86	76	81	9.99	999	0	
09/12	91	3	60	-6	76	-1	.00	87	77	82	9.99	999	0	
09/13	92	4	60	-5	76	-1	.00	88	77	83	9.99	999	0	
09/14	92	5	62	-3	77	1	.00	88	79	84	9.99	999	0	
09/15	93	6	63	-2	78	2	.00	88	79	84	9.99	999	0	
09/16	85	-2	50	-14	68	-8	.00	87	75	81	9.99	999	0	
09/17	82	-5	52	-12	67	-9	.00	84	74	79	9.99	999	0	
09/18	69	-17	54	-10	62	-13	.00	75	71	73	9.99	999	0	
09/19	79	-7	54	-9	67	-8	.00	79	71	75	9.99	999	0	
09/20	81	-5	50	-13	66	-9	.00	82	71	77	9.99	999	0	
09/21	84	-1	46	-16	65	-9	.00	82	71	77	9.99	999	0	
09/22	86	1	46	-16	66	-8	.00	82	71	77	9.99	999	0	
09/23	88	3	58	-4	73	-1	.00	82	73	78	9.99	999	0	
09/24	90	5	57	-4	74	1	.00	84	75	80	9.99	999	0	
09/25	87	3	57	-4	72	-1	.00	83	75	79	9.99	999	0	
09/26	88	4	55	-5	72	0	.00	85	74	80	9.99	999	0	
09/27	92	8	51	-9	72	0	.00	85	74	80	9.99	999	0	
09/28	88	5	51	-8	70	-1	.00	84	74	79	9.99	999	0	
09/29	80	-3	45	-14	63	-8	.00	81	72	77	9.99	999	0	
09/30	71	-12	44	-14	58	-13	.00	77	69	73	9.99	999	0	

AIR TEMPERATURES:

Mean Maximum= 85.4 Mean Minimum= 54.4 Average= 69.9
 DFN= -1.3 DFN= -9.5 DFN= -5.4
 Highest= 93 Lowest= 44

PRECIPITATION STATISTICS:

Total= .77 DFN= -2.78 Greatest Daily= .75 Rain Days= 3

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
10/ 1	67	-15	37	-21	52	-18	88.88	74	65	70	9.99	999	0
10/ 2	70	-12	35	-22	53	-17	.00	75	64	70	9.99	999	0
10/ 3	75	-7	35	-22	55	-15	.00	76	63	70	9.99	999	0
10/ 4	80	-1	38	-18	59	-10	.00	76	63	70	9.99	999	0
10/ 5	79	-2	44	-11	62	-6	.00	74	65	70	9.99	999	0
10/ 6	83	2	46	-9	65	-3	.00	77	65	71	9.99	999	0
10/ 7	83	3	57	3	70	3	.00	76	68	72	9.99	999	0
10/ 8	85	5	61	7	73	6	88.88	77	70	74	9.99	999	0
10/ 9	84	4	63	10	74	7	.37	77	71	74	9.99	999	0
10/10	75	-4	63	10	69	3	.00	75	70	73	9.99	999	0
10/11	80	1	60	7	70	4	.00	75	68	72	9.99	999	0
10/12	83	4	57	5	70	4	.00	77	68	73	9.99	999	0
10/13	84	6	56	4	70	5	.00	78	68	73	9.99	999	0
10/14	87	9	54	3	71	6	.00	80	68	74	9.99	999	0
10/15	85	8	58	7	72	8	.00	77	69	73	9.99	999	0
10/16	80	3	65	15	73	9	.66	76	71	74	9.99	999	0
10/17	87	10	65	15	76	12	.72	76	72	74	9.99	999	0
10/18	82	6	64	14	73	10	.06	77	72	75	9.99	999	0
10/19	87	11	64	15	76	13	.02	78	71	75	9.99	999	0
10/20	86	10	68	19	77	14	.00	78	72	75	9.99	999	0
10/21	84	9	67	19	76	14	.00	77	72	75	9.99	999	0
10/22	76	1	65	17	71	9	1.20	74	70	72	9.99	999	0
10/23	85	10	66	18	76	14	.30	77	70	74	9.99	999	0
10/24	84	10	66	19	75	14	.50	77	72	75	9.99	999	0
10/25	83	9	63	16	73	12	.00	79	71	75	9.99	999	0
10/26	83	9	61	14	72	11	.00	78	70	74	9.99	999	0
10/27	83	10	61	15	72	12	.00	78	70	74	9.99	999	0
10/28	84	11	61	15	73	13	.20	76	70	73	9.99	999	0
10/29	80	8	68	22	74	15	.09	76	72	74	9.99	999	0
10/30	85	13	63	18	74	15	.00	80	72	76	9.99	999	0
10/31	87	15	61	16	74	15	.00	79	70	75	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 81.8 Mean Minimum= 57.8 Average= 69.8
 DFN= +4.7 DFN= +7.1 DFN= +5.9
 Highest= 87 Lowest= 35

PRECIPITATION STATISTICS:

Total= 4.12 DFN= +1.37 Greatest Daily= 1.20 Rain Days= 10

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

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 ALABAMA

DATE	AIR TEMPERATURE					PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY		
	MAX	DFN	MIN	DFN	AVG		DFN	MAX	MIN			MEAN	
11/ 1	86	15	60	15	73	15	.00	77	71	74	9.99	999	0
11/ 2	80	9	62	18	71	13	.03	75	70	73	9.99	999	0
11/ 3	65	-6	51	7	58	0	.15	70	65	68	9.99	999	0
11/ 4	57	-13	51	7	54	-3	.10	67	64	66	9.99	999	0
11/ 5	67	-3	51	7	59	2	.08	66	64	65	9.99	999	0
11/ 6	64	-6	41	-2	53	-4	.00	65	57	61	9.99	999	0
11/ 7	64	-5	33	-10	49	-7	.00	63	54	59	9.99	999	0
11/ 8	61	-8	37	-6	49	-7	.00	61	53	57	9.99	999	0
11/ 9	63	-1	38	-4	53	-3	.00	62	53	58	9.99	999	0
11/10	71	3	43	1	57	2	.00	63	53	58	9.99	999	0
11/11	75	7	40	-2	58	3	.94	64	55	60	9.99	999	0
11/12	53	-15	38	-4	46	-9	.00	57	52	55	9.99	999	0
11/13	55	-12	29	-12	42	-12	.00	58	49	54	9.99	999	0
11/14	60	-7	30	-11	45	-9	.00	56	49	53	9.99	999	0
11/15	70	3	31	-10	51	-3	.00	57	49	53	9.99	999	0
11/16	76	10	47	6	62	8	.10	60	52	56	9.99	999	0
11/17	65	-1	33	-8	49	-5	.00	62	51	57	9.99	999	0
11/18	63	-3	40	0	52	-1	.00	57	51	54	9.99	999	0
11/19	80	15	53	13	67	14	.10	64	55	60	9.99	999	0
11/20	55	-10	43	3	49	-4	88.88	61	55	58	9.99	999	0
11/21	55	-10	39	-1	47	-6	.00	58	51	55	9.99	999	0
11/22	55	-9	28	-11	42	-10	.00	56	48	52	9.99	999	0
11/23	54	-10	27	-12	41	-11	.00	53	46	50	9.99	999	0
11/24	61	-3	27	-12	44	-8	.00	53	44	49	9.99	999	0
11/25	70	6	27	-12	49	-3	.00	55	45	50	9.99	999	0
11/26	70	7	37	-2	54	3	.00	56	48	52	9.99	999	0
11/27	72	9	48	10	60	9	.00	59	51	55	9.99	999	0
11/28	68	5	37	-1	53	2	1.80	61	53	57	9.99	999	0
11/29	52	-11	27	-11	40	-11	.00	53	47	51	9.99	999	0
11/30	60	-2	27	-11	44	-6	.00	54	47	51	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 65.1 Mean Minimum= 39.2 Average= 52.1
 DFN= -1.5 DFN= -1.3 DFN= -1.7
 Highest= 86 Lowest= 27

PRECIPITATION STATISTICS:

Total= 3.30 DFN= +.04 Greatest Daily= 1.80 Rain Days= 8

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
12/ 1	69	7	41	3	53	5	88.88	56	48	52	9.99	999	0
12/ 2	68	6	42	4	55	5	.23	58	50	54	9.99	999	0
12/ 3	66	4	50	13	58	8	.26	56	51	54	9.99	999	0
12/ 4	60	-1	31	-6	46	-3	.00	60	49	55	9.99	999	0
12/ 5	44	-17	33	-4	39	-10	1.00	49	48	49	9.99	999	0
12/ 6	48	-13	36	-1	42	-7	.42	50	48	49	9.99	999	0
12/ 7	45	-16	18	-19	32	-17	.00	48	42	45	9.99	999	0
12/ 8	43	-17	20	-17	32	-17	.00	44	40	42	9.99	999	0
12/ 9	62	2	23	-13	43	-5	.00	48	40	44	9.99	999	0
12/10	69	9	35	-1	52	4	.00	53	47	50	9.99	999	0
12/11	72	12	39	3	56	8	.00	56	50	53	9.99	999	0
12/12	70	10	41	5	56	8	.00	57	50	54	9.99	999	0
12/13	73	14	46	10	60	12	88.88	57	50	54	9.99	999	0
12/14	77	18	52	16	65	17	.00	62	57	60	9.99	999	0
12/15	77	18	50	14	64	16	.00	62	56	59	9.99	999	0
12/16	70	11	53	17	62	14	.00	60	57	59	9.99	999	0
12/17	77	18	50	15	64	17	.00	62	57	60	9.99	999	0
12/18	79	21	50	15	65	18	.00	63	57	60	9.99	999	0
12/19	80	22	50	15	65	18	.00	64	58	61	9.99	999	0
12/20	78	20	49	14	64	17	.00	64	58	61	9.99	999	0
12/21	67	9	57	22	62	15	.00	62	59	61	9.99	999	0
12/22	76	18	60	25	68	21	.10	64	60	62	9.99	999	0
12/23	69	12	37	2	53	7	.04	63	54	60	9.99	999	0
12/24	64	7	39	4	52	6	88.88	58	53	56	9.99	999	0
12/25	76	19	55	20	66	20	.00	63	57	60	9.99	999	0
12/26	61	4	40	5	51	5	.00	61	53	57	9.99	999	0
12/27	73	16	41	6	57	11	.00	60	53	57	9.99	999	0
12/28	68	11	50	15	59	13	.00	60	53	57	9.99	999	0
12/29	79	22	53	18	66	20	.00	64	56	60	9.99	999	0
12/30	75	19	57	22	66	20	.00	63	58	61	9.99	999	0
12/31	80	24	58	24	69	24	.00	67	62	65	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 68.2 Mean Minimum= 43.7 Average= 56.0
 DFN= +9.3 DFN= +7.9 DFN= +8.6
 Highest= 80 Lowest= 18

PRECIPITATION STATISTICS:

Total= 2.10 DFN= -3.33 Greatest Daily= 1.00 Rain Days= 6

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL				VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN	EVAP		
01/ 1	39	-18	15	-20	27	-19	.00	36	35	36	9.99	999	0
01/ 2	50	-7	20	-15	35	-11	.00	40	35	38	9.99	999	0
01/ 3	55	-2	26	-9	41	-5	.00	44	36	40	9.99	999	0
01/ 4	53	-4	24	-10	39	-7	.00	49	38	44	9.99	999	0
01/ 5	60	3	25	-9	43	-3	.08	48	38	43	9.99	999	0
01/ 6	59	2	35	1	47	1	.00	53	42	48	9.99	999	0
01/ 7	70	13	36	2	53	7	.00	55	43	49	9.99	999	0
01/ 8	57	0	31	-3	44	-2	.00	53	43	48	9.99	999	0
01/ 9	67	10	32	-2	50	4	.00	54	43	49	9.99	999	0
01/10	69	12	40	6	55	9	1.23	56	45	51	9.99	999	0
01/11	60	3	25	-9	43	-3	.09	54	42	48	9.99	999	0
01/12	60	4	25	-9	43	-2	.00	46	40	43	9.99	999	0
01/13	53	-3	26	-8	40	-5	.00	50	40	45	9.99	999	0
01/14	52	-4	35	1	44	-1	.00	50	43	47	9.99	999	0
01/15	57	1	35	1	46	1	.25	52	44	48	9.99	999	0
01/16	45	-12	35	1	40	-6	.24	55	43	49	9.99	999	0
01/17	44	-13	39	5	42	-4	.00	49	47	48	9.99	999	0
01/18	54	-3	35	1	45	-1	.55	48	47	48	9.99	999	0
01/19	47	-10	25	-9	36	-10	1.18	49	43	46	9.99	999	0
01/20	35	-22	18	-16	27	-19	.00	49	38	44	9.99	999	0
01/21	38	-19	18	-16	28	-18	.00	42	37	40	9.99	999	0
01/22	37	-20	15	-19	26	-20	.00	41	36	39	9.99	999	0
01/23	49	-8	16	-18	33	-13	.00	42	36	39	9.99	999	0
01/24	52	-5	38	4	45	-1	.15	45	39	42	9.99	999	0
01/25	58	1	50	16	54	8	.42	50	39	45	9.99	999	0
01/26	58	1	34	-1	46	0	.01	51	45	48	9.99	999	0
01/27	58	1	35	0	47	1	.25	54	45	50	9.99	999	0
01/28	61	3	33	-2	47	0	.00	60	46	53	9.99	999	0
01/29	52	-6	33	-2	43	-4	.00	52	44	48	9.99	999	0
01/30	64	6	35	0	50	3	.00	55	43	49	9.99	999	0
01/31	61	3	29	-6	45	-2	.00	55	41	48	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 54.0 Mean Minimum= 29.6 Average= 41.8
 DFN= -3.0 DFN= -4.7 DFN= -3.8
 Highest= 70 Lowest= 15

PRECIPITATION STATISTICS:

Total= 4.45 DFN= -.47 Greatest Daily= 1.23 Rain Days= 11

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Farenheit, precipitation and evaporation are in
 inches, vesetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
02/ 1	49	-9	23	-10	37	-10	.00	59	40	50	9.99	999	0
02/ 2	60	2	26	-9	43	-4	.00	51	39	45	9.99	999	0
02/ 3	65	6	32	-3	49	2	.10	54	41	48	9.99	999	0
02/ 4	52	-7	32	-3	42	-5	.36	51	44	48	9.99	999	0
02/ 5	58	-1	32	-3	45	-2	.00	66	44	55	9.99	999	0
02/ 6	57	-2	20	-15	39	-8	.00	56	38	47	9.99	999	0
02/ 7	41	-18	21	-15	31	-17	.00	46	37	42	9.99	999	0
02/ 8	48	-12	22	-14	35	-13	.00	48	37	43	9.99	999	0
02/ 9	58	-2	25	-11	42	-6	.00	49	37	43	9.99	999	0
02/10	68	8	30	-6	49	1	.02	53	39	46	9.99	999	0
02/11	67	7	39	3	53	5	.15	54	47	51	9.99	999	0
02/12	78	18	52	16	65	17	.00	64	52	58	9.99	999	0
02/13	76	15	53	17	65	16	.68	62	52	57	9.99	999	0
02/14	76	15	40	3	58	9	.08	60	50	55	9.99	999	0
02/15	67	6	38	1	53	4	.00	62	49	56	9.99	999	0
02/16	72	11	39	2	56	7	.20	62	48	55	9.99	999	0
02/17	72	10	47	10	60	10	.00	63	52	58	9.99	999	0
02/18	71	9	42	5	57	7	.00	66	51	59	9.99	999	0
02/19	74	12	42	5	58	8	.00	64	51	58	9.99	999	0
02/20	71	9	46	8	59	9	.02	62	54	58	9.99	999	0
02/21	55	-8	43	5	49	-2	.03	57	52	55	9.99	999	0
02/22	58	-5	41	3	50	-1	.03	59	50	53	9.99	999	0
02/23	55	-8	42	4	49	-2	.24	57	51	54	9.99	999	0
02/24	67	4	43	5	55	4	.00	63	50	57	9.99	999	0
02/25	71	7	35	-4	53	1	.00	60	48	54	9.99	999	0
02/26	69	5	34	-5	52	0	.00	60	48	54	9.99	999	0
02/27	71	7	40	1	56	4	1.90	61	47	54	9.99	999	0
02/28	67	3	31	-8	49	-3	.14	63	45	54	9.99	999	0
02/29	38	-26	28	-11	33	-19	.00	47	40	44	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 63.1 Mean Minimum= 35.9 Average= 49.5
 DFN= +1.9 DFN= -1.0 DFN= +.5
 Highest= 78 Lowest= 20

PRECIPITATION STATISTICS:

Total= 3.97 DFN= -1.20 Greatest Daily= 1.90 Rain Days= 13

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

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 99.99 indicates Trace of precipitation. DFN is the departure from normal.
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 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
03/ 1	48	-17	24	-16	36	-17	.00	52	40	46	9.99	999	0
03/ 2	55	-10	25	-15	40	-13	.00	55	40	48	9.99	999	0
03/ 3	64	-1	37	-3	51	-2	.01	57	49	53	9.99	999	0
03/ 4	60	-5	47	7	54	1	.36	57	49	53	9.99	999	0
03/ 5	75	9	48	7	62	8	.15	64	49	57	9.99	999	0
03/ 6	63	-3	42	1	53	-1	.63	61	55	58	9.99	999	0
03/ 7	48	-18	31	-10	40	-14	.02	55	44	50	9.99	999	0
03/ 8	55	-11	31	-10	43	-11	.00	59	44	52	9.99	999	0
03/ 9	70	3	33	-9	52	-3	.00	58	44	51	9.99	999	0
03/10	52	-15	31	-11	42	-13	.00	58	44	51	9.99	999	0
03/11	58	-9	35	-7	47	-8	.00	58	44	51	9.99	999	0
03/12	67	-1	38	-5	53	-3	.00	62	46	54	9.99	999	0
03/13	70	2	43	0	57	1	.00	58	48	53	9.99	999	0
03/14	75	7	50	7	63	7	.00	64	55	60	9.99	999	0
03/15	83	14	50	7	67	11	.00	70	54	62	9.99	999	0
03/16	84	15	54	10	69	12	.00	72	56	64	9.99	999	0
03/17	82	13	57	13	70	13	.00	73	62	68	9.99	999	0
03/18	81	12	55	11	68	11	.00	73	62	68	9.99	999	0
03/19	84	14	57	13	71	14	.00	76	59	68	9.99	999	0
03/20	82	12	59	14	71	13	1.95	73	62	68	9.99	999	0
03/21	59	-11	36	-9	48	-10	.03	64	50	57	9.99	999	0
03/22	68	-3	42	-3	55	-3	.00	62	50	56	9.99	999	0
03/23	76	5	45	-1	61	2	.00	67	51	59	9.99	999	0
03/24	83	12	48	2	66	7	.00	71	54	63	9.99	999	0
03/25	77	5	48	2	63	4	2.05	66	57	62	9.99	999	0
03/26	67	-5	44	-3	56	-4	.00	72	56	64	9.99	999	0
03/27	69	-3	48	1	59	-1	.00	66	56	61	9.99	999	0
03/28	82	9	57	10	70	10	.03	75	60	68	9.99	999	0
03/29	80	7	47	0	64	4	.00	74	57	66	9.99	999	0
03/30	73	0	38	-10	56	-5	.00	73	55	64	9.99	999	0
03/31	67	-6	40	-8	54	-7	.00	74	55	65	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 69.6 Mean Minimum= 43.2 Average= 56.4
 DFN= +.7 DFN= -.5 DFN= +.1
 Highest= 84 Lowest= 24

PRECIPITATION STATISTICS:

Total= 5.23 DFN= -2.02 Greatest Daily= 2.05 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
04/ 1	70	-4	44	-4	57	-4	.00	75	55	65	9.99	999	0
04/ 2	70	-4	46	-3	58	-4	.00	75	57	66	9.99	999	0
04/ 3	78	4	49	0	64	2	1.26	75	59	67	9.99	999	0
04/ 4	82	7	54	5	68	6	.08	79	63	71	9.99	999	0
04/ 5	82	7	49	-1	66	3	.00	75	59	67	9.99	999	0
04/ 6	65	-10	40	-10	53	-10	.00	69	56	63	9.99	999	0
04/ 7	75	-1	45	-5	60	-3	.00	75	56	66	9.99	999	0
04/ 8	75	-1	48	-2	62	-1	.00	75	56	66	9.99	999	0
04/ 9	63	-13	55	4	59	-5	1.11	76	57	67	9.99	999	0
04/10	70	-7	54	3	62	-2	.00	71	60	66	9.99	999	0
04/11	65	-12	48	-3	57	-7	.00	69	59	64	9.99	999	0
04/12	65	-12	47	-5	56	-9	.00	67	58	63	9.99	999	0
04/13	70	-7	53	1	62	-3	.00	73	59	64	9.99	999	0
04/14	80	2	58	6	69	4	.00	74	59	67	9.99	999	0
04/15	74	-4	44	-8	59	-6	.55	73	58	66	9.99	999	0
04/16	65	-13	43	-10	54	-12	.00	67	55	61	9.99	999	0
04/17	66	-12	47	-6	57	-9	.00	67	56	62	9.99	999	0
04/18	67	-11	43	-10	55	-11	.02	67	55	61	9.99	999	0
04/19	75	-4	49	-5	62	-5	.01	78	55	67	9.99	999	0
04/20	79	0	61	7	70	3	.13	75	62	69	9.99	999	0
04/21	87	8	66	12	77	10	.00	82	64	73	9.99	999	0
04/22	94	5	70	16	77	10	.00	79	69	74	9.99	999	0
04/23	77	-3	54	-1	66	-2	.28	77	65	71	9.99	999	0
04/24	70	-10	42	-13	56	-12	.00	78	61	70	9.99	999	0
04/25	80	0	50	-5	65	-3	.00	83	61	72	9.99	999	0
04/26	87	7	53	-2	70	2	.00	86	63	75	9.99	999	0
04/27	84	4	59	3	72	4	.18	79	66	73	9.99	999	0
04/28	84	4	68	12	76	8	.00	82	70	76	9.99	999	0
04/29	85	4	64	8	75	6	1.84	82	70	76	9.99	999	0
04/30	81	0	65	9	73	4	.01	82	70	76	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 75.2 Mean Minimum= 52.3 Average= 63.7
 DFN= -2.5 DFN= -.2 DFN= -1.4
 Highest= 97 Lowest= 40

PRECIPITATION STATISTICS:

Total= 5.47 DFN= +.27 Greatest Daily= 1.84 Rain Days= 11

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL				VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN	EVAP		
05/ 1	80	-1	60	4	70	1	.00	79	69	74	9.99	999	0
05/ 2	75	-6	60	3	68	-1	.00	76	68	72	9.99	999	0
05/ 3	85	4	65	8	75	6	.71	83	68	76	9.99	999	0
05/ 4	81	0	59	2	70	1	1.65	83	69	76	9.99	999	0
05/ 5	81	-1	58	1	70	0	.00	85	68	77	9.99	999	0
05/ 6	82	0	60	2	71	1	.00	79	68	74	9.99	999	0
05/ 7	90	8	75	17	83	13	.00	86	73	80	9.99	999	0
05/ 8	91	9	65	7	78	8	.89	91	75	83	9.99	999	0
05/ 9	71	-11	45	-13	58	-12	.00	76	64	70	9.99	999	0
05/10	77	-5	47	-12	62	-9	.00	79	63	71	9.99	999	0
05/11	81	-2	49	-10	65	-6	.00	86	63	75	9.99	999	0
05/12	88	5	56	-3	72	1	.00	90	67	79	9.99	999	0
05/13	85	2	58	-1	72	1	.00	92	69	81	9.99	999	0
05/14	88	5	60	0	74	2	.00	92	71	82	9.99	999	0
05/15	90	7	61	1	76	4	.00	93	74	84	9.99	999	0
05/16	82	-2	53	-7	68	-4	.00	93	72	83	9.99	999	0
05/17	80	-4	50	-10	65	-7	.00	92	71	82	9.99	999	0
05/18	83	-1	51	-9	67	-5	.00	92	71	82	9.99	999	0
05/19	85	1	55	-6	70	-3	.00	90	72	81	9.99	999	0
05/20	87	3	58	-3	73	0	.00	92	72	82	9.99	999	0
05/21	84	-1	64	3	74	1	.07	93	71	82	9.99	999	0
05/22	83	-2	65	4	74	1	2.17	80	73	77	9.99	999	0
05/23	76	-9	64	2	70	-4	.17	79	71	75	9.99	999	0
05/24	86	1	64	2	75	1	.00	89	71	80	9.99	999	0
05/25	88	2	67	5	78	4	.00	89	74	82	9.99	999	0
05/26	88	2	71	9	80	6	.00	90	76	83	9.99	999	0
05/27	90	4	70	7	80	5	.00	94	78	86	9.99	999	0
05/28	90	4	69	6	80	5	.19	93	77	85	9.99	999	0
05/29	87	1	62	-1	75	0	.09	89	75	82	9.99	999	0
05/30	70	-17	47	-16	59	-16	.00	83	67	75	9.99	999	0
05/31	70	-17	46	-18	58	-18	.00	85	66	76	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 83.0 Mean Minimum= 59.2 Average= 71.1
 DFN= -.7 DFN= -.8 DFN= -.8
 Highest= 91 Lowest= 45

PRECIPITATION STATISTICS:

Total= 5.94 DFN= +1.46 Greatest Daily= 2.17 Rain Days= 8

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
06/ 1	77	-10	48	-16	63	-13	.00	81	66	74	9.99	999	0
06/ 2	84	-3	51	-13	68	-8	.00	92	69	81	9.99	999	0
06/ 3	86	-2	56	-8	71	-5	.00	93	71	82	9.99	999	0
06/ 4	88	0	60	-5	74	-3	.00	94	73	84	9.99	999	0
06/ 5	94	6	61	-4	78	1	.00	95	74	85	9.99	999	0
06/ 6	91	3	63	-2	77	0	.00	96	75	86	9.99	999	0
06/ 7	90	1	67	2	79	2	.00	94	78	86	9.99	999	0
06/ 8	92	3	68	3	80	3	.00	97	79	88	9.99	999	0
06/ 9	92	3	69	3	81	3	.00	95	79	87	9.99	999	0
06/10	93	4	70	4	82	4	.00	96	80	88	9.99	999	0
06/11	91	2	66	0	79	1	.00	98	79	89	9.99	999	0
06/12	93	4	68	2	81	3	.00	99	79	89	9.99	999	0
06/13	95	5	65	-1	80	2	.31	98	78	88	9.99	999	0
06/14	95	5	62	-5	79	0	.00	95	78	87	9.99	999	0
06/15	93	3	65	-2	79	0	.00	98	78	88	9.99	999	0
06/16	90	0	67	0	79	0	.00	93	78	86	9.99	999	0
06/17	92	2	69	2	81	2	.00	98	78	88	9.99	999	0
06/18	92	2	68	1	80	1	.00	99	78	89	9.99	999	0
06/19	92	2	70	3	81	2	.00	98	78	88	9.99	999	0
06/20	94	3	71	4	83	4	.00	97	81	89	9.99	999	0
06/21	97	6	72	4	85	5	.00	98	82	90	9.99	999	0
06/22	97	6	72	4	85	5	.00	99	83	91	9.99	999	0
06/23	96	5	71	3	84	4	.00	100	83	92	9.99	999	0
06/24	97	6	70	2	84	4	2.37	100	80	90	9.99	999	0
06/25	91	0	71	3	81	1	.00	95	80	88	9.99	999	0
06/26	90	-1	63	-5	77	-3	.00	95	78	87	9.99	999	0
06/27	88	-3	67	-1	78	-2	.00	96	78	87	9.99	999	0
06/28	90	-1	69	1	80	0	.00	95	79	87	9.99	999	0
06/29	90	-1	70	1	80	0	.00	95	80	88	9.99	999	0
06/30	84	-7	66	-3	75	-5	.09	90	78	84	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 91.1 Mean Minimum= 65.8 Average= 78.5
 DFN= +1.4 DFN= -.8 DFN= +.3
 Highest= 97 Lowest= 48

PRECIPITATION STATISTICS:

Total= 2.77 DFN= -1.35 Greatest Daily= 2.37 Rain Days= 3

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
07/ 1	88	-3	67	-2	78	-2	.00	92	79	86	9.99	999	0
07/ 2	84	-7	66	-3	75	-5	.95	90	78	84	9.99	999	0
07/ 3	90	-1	62	-7	76	-4	.00	92	76	84	9.99	999	0
07/ 4	93	2	73	4	83	3	.00	93	78	86	9.99	999	0
07/ 5	93	2	73	4	83	3	.00	98	80	89	9.99	999	0
07/ 6	93	2	69	0	81	1	.00	98	81	90	9.99	999	0
07/ 7	93	2	68	-1	81	1	.00	99	81	90	9.99	999	0
07/ 8	94	3	67	-2	81	1	.26	97	79	88	9.99	999	0
07/ 9	90	-1	69	0	80	0	.00	96	80	88	9.99	999	0
07/10	97	6	71	2	84	4	.00	97	82	90	9.99	999	0
07/11	95	4	73	4	84	4	.00	99	81	90	9.99	999	0
07/12	95	4	74	5	85	5	.00	97	84	91	9.99	999	0
07/13	94	2	70	1	82	1	.45	95	79	87	9.99	999	0
07/14	91	-1	70	1	81	0	88.88	94	80	87	9.99	999	0
07/15	92	0	71	1	82	1	.00	95	80	88	9.99	999	0
07/16	92	0	70	0	81	0	.00	95	81	88	9.99	999	0
07/17	94	2	69	-1	82	1	.00	100	81	91	9.99	999	0
07/18	91	-1	70	0	81	0	.17	93	80	87	9.99	999	0
07/19	88	-4	66	-4	77	-4	.07	92	78	85	9.99	999	0
07/20	90	-2	67	-3	79	-2	.00	95	78	87	9.99	999	0
07/21	91	-1	69	-1	80	-1	.00	96	80	88	9.99	999	0
07/22	92	0	71	1	82	1	.00	99	80	90	9.99	999	0
07/23	94	2	67	-3	81	0	.00	93	75	84	9.99	999	0
07/24	93	1	69	-1	81	0	.00	99	82	91	9.99	999	0
07/25	92	0	69	-1	81	0	.37	95	80	88	9.99	999	0
07/26	93	1	69	-1	81	0	.00	95	80	88	9.99	999	0
07/27	94	2	70	0	82	1	.00	97	80	89	9.99	999	0
07/28	95	3	71	1	83	2	.00	98	80	89	9.99	999	0
07/29	84	-8	69	-1	77	-4	.00	86	79	83	9.99	999	0
07/30	78	-14	67	-3	73	-8	.62	90	78	84	9.99	999	0
07/31	77	-15	67	-2	72	-9	.29	83	77	80	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 91.0 Mean Minimum= 69.1 Average= 80.0
 DFN= -.6 DFN= -.4 DFN= -.5
 Highest= 97 Lowest= 62

PRECIPITATION STATISTICS:

Total= 3.18 DFN= -2.65 Greatest Daily= .95 Rain Days= 8

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE							4 INCH SOIL				VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN	EVAP		
08/ 1	83	-9	68	-2	76	-5	.19	92	77	85	9.99	999	0
08/ 2	75	-17	69	-1	72	-9	2.50	79	77	78	9.99	999	0
08/ 3	75	-17	67	-3	71	-10	1.36	78	76	77	9.99	999	0
08/ 4	87	-5	68	-1	78	-3	88.88	86	76	81	9.99	999	0
08/ 5	91	-1	69	0	80	-1	.12	91	77	84	9.99	999	0
08/ 6	90	-2	68	-1	79	-2	.09	93	78	86	9.99	999	0
08/ 7	89	-3	67	-2	78	-3	.04	93	78	86	9.99	999	0
08/ 8	89	-3	66	-3	78	-3	88.88	93	78	86	9.99	999	0
08/ 9	83	-9	67	-2	75	-6	.23	85	78	82	9.99	999	0
08/10	89	-3	67	-2	78	-3	.45	90	77	84	9.99	999	0
08/11	90	-1	67	-2	79	-1	88.88	91	79	85	9.99	999	0
08/12	82	-9	69	0	76	-4	.98	89	78	84	9.99	999	0
08/13	89	-2	69	0	79	-1	.04	92	79	86	9.99	999	0
08/14	90	-1	68	-1	79	-1	.40	91	78	85	9.99	999	0
08/15	85	-6	68	-1	77	-3	.05	88	78	83	9.99	999	0
08/16	89	-2	69	0	79	-1	.00	92	78	85	9.99	999	0
08/17	91	0	71	2	81	1	.00	92	79	86	9.99	999	0
08/18	90	-1	71	2	81	1	.00	91	80	86	9.99	999	0
08/19	90	-1	70	1	80	0	.00	91	80	86	9.99	999	0
08/20	90	-1	70	1	80	0	.02	92	81	87	9.99	999	0
08/21	89	-2	70	1	80	0	.10	90	80	85	9.99	999	0
08/22	89	-2	70	1	80	0	.00	90	80	85	9.99	999	0
08/23	91	0	71	3	81	1	.00	94	81	88	9.99	999	0
08/24	88	-3	64	-4	76	-4	.00	92	79	86	9.99	999	0
08/25	89	-1	64	-4	77	-2	.00	94	79	87	9.99	999	0
08/26	89	-1	66	-2	78	-1	.00	94	80	87	9.99	999	0
08/27	90	0	70	2	80	1	.01	91	81	86	9.99	999	0
08/28	88	-2	70	2	79	0	.47	89	80	85	9.99	999	0
08/29	89	-1	70	2	80	1	.00	89	80	85	9.99	999	0
08/30	88	-2	68	0	78	-1	.20	88	79	84	9.99	999	0
08/31	89	-1	68	0	79	0	.00	90	79	85	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 87.6 Mean Minimum= 68.4 Average= 78.0
 DFN= -3.5 DFN= -1.5 DFN= -2.0
 Highest= 91 Lowest= 64

PRECIPITATION STATISTICS:

Total= 7.25 DFN= +2.89 Greatest Daily= 2.50 Rain Days= 17

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE					PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG		DFN	MAX	MIN				MEAN
09/ 1	95	5	69	1	82	3	.00	90	80	85	9.99	999	0
09/ 2	91	1	66	-2	79	0	.00	91	80	86	9.99	999	0
09/ 3	92	3	67	0	80	2	.00	91	80	86	9.99	999	0
09/ 4	92	3	69	2	81	3	.05	92	80	86	9.99	999	0
09/ 5	75	-14	57	-10	66	-12	.01	82	75	79	9.99	999	0
09/ 6	82	-7	57	-10	70	-8	.00	88	75	82	9.99	999	0
09/ 7	85	-4	58	-9	72	-6	.00	90	75	83	9.99	999	0
09/ 8	85	-4	59	-8	72	-6	.00	89	75	82	9.99	999	0
09/ 9	88	0	61	-6	75	-3	.00	90	75	83	9.99	999	0
09/10	88	0	61	-5	75	-2	.00	91	75	83	9.99	999	0
09/11	88	0	67	1	78	1	.00	88	78	83	9.99	999	0
09/12	91	3	66	0	79	2	.00	90	78	84	9.99	999	0
09/13	94	6	66	0	80	3	.00	93	78	86	9.99	999	0
09/14	93	6	69	4	81	5	.00	92	79	86	9.99	999	0
09/15	93	6	69	4	81	5	.00	92	79	86	9.99	999	0
09/16	88	1	59	-6	74	-2	.00	91	78	85	9.99	999	0
09/17	84	-3	59	-5	72	-4	.00	90	77	84	9.99	999	0
09/18	74	-13	58	-6	66	-10	.00	82	75	79	9.99	999	0
09/19	80	-6	59	-5	70	-5	.00	82	75	79	9.99	999	0
09/20	85	-1	58	-5	72	-3	.00	86	73	80	9.99	999	0
09/21	87	1	56	-7	72	-3	.00	87	73	80	9.99	999	0
09/22	88	2	66	3	77	2	.00	86	74	80	9.99	999	0
09/23	91	6	66	4	79	5	.00	87	74	81	9.99	999	0
09/24	92	7	64	2	78	4	.00	87	73	80	9.99	999	0
09/25	91	6	64	3	78	5	.00	87	75	81	9.99	999	0
09/26	91	7	60	-1	76	3	.00	88	75	82	9.99	999	0
09/27	93	9	59	-1	76	4	.00	88	75	82	9.99	999	0
09/28	98	4	59	-1	74	2	.00	96	75	86	9.99	999	0
09/29	83	-1	53	-6	68	-4	.00	83	72	78	9.99	999	0
09/30	75	-8	51	-8	63	-8	.00	83	71	77	9.99	999	0

AIR TEMPERATURES:
 Mean Maximum= 87.4 Mean Minimum= 61.7 Average= 74.6
 DFN= +.5 DFN= -2.6 DFN= -1.0
 Highest= 95 Lowest= 51

PRECIPITATION STATISTICS:
 Total= .06 DFN= -4.07 Greatest Daily= .05 Rain Days= 2

AVERAGE DAILY VALUES:
 Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
10/ 1	72	-11	36	-22	54	-17	.00	84	68	76	9.99	999	0
10/ 2	71	-12	43	-15	57	-14	.00	79	66	73	9.99	999	0
10/ 3	74	-9	40	-17	57	-13	.00	77	65	71	9.99	999	0
10/ 4	80	-2	40	-17	60	-10	.00	78	65	72	9.99	999	0
10/ 5	80	-2	46	-10	63	-6	.00	78	66	71	9.99	999	0
10/ 6	86	5	52	-4	69	0	.00	79	67	73	9.99	999	0
10/ 7	86	5	59	4	73	5	.00	79	69	74	9.99	999	0
10/ 8	89	8	63	8	76	8	.00	80	70	75	9.99	999	0
10/ 9	84	4	64	9	74	6	.82	80	71	76	9.99	999	0
10/10	78	-2	61	7	70	3	.20	78	72	75	9.99	999	0
10/11	80	1	59	5	70	3	.00	79	71	75	9.99	999	0
10/12	84	5	59	6	72	6	.00	80	71	76	9.99	999	0
10/13	86	7	56	3	71	5	.00	999	999	999	9.99	999	0
10/14	85	7	56	4	71	6	.00	999	999	999	9.99	999	0
10/15	86	8	60	8	73	8	88.88	80	72	76	9.99	999	0
10/16	80	2	67	15	74	9	.61	78	72	75	9.99	999	0
10/17	90	13	66	15	78	14	.28	74	73	74	9.99	999	0
10/18	89	12	66	15	78	14	.02	79	73	76	9.99	999	0
10/19	85	8	66	16	76	12	88.88	81	73	77	9.99	999	0
10/20	85	9	67	17	76	13	.07	80	73	77	9.99	999	0
10/21	85	9	69	19	77	14	.00	80	74	77	9.99	999	0
10/22	83	7	65	16	74	11	1.08	79	74	77	9.99	999	0
10/23	86	11	67	18	77	15	1.08	81	74	78	9.99	999	0
10/24	85	10	66	17	76	14	2.01	81	74	78	9.99	999	0
10/25	85	10	64	16	75	13	.00	82	73	78	9.99	999	0
10/26	84	10	62	14	73	12	.00	82	72	77	9.99	999	0
10/27	83	9	62	15	73	12	.00	81	72	77	9.99	999	0
10/28	78	5	64	17	71	11	.15	77	72	75	9.99	999	0
10/29	81	8	68	21	75	15	.29	79	72	76	9.99	999	0
10/30	82	10	65	18	74	14	.00	81	74	78	9.99	999	0
10/31	84	12	62	16	73	14	.00	81	72	77	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 82.8 Mean Minimum= 59.4 Average= 71.1
 DFN= +5.1 DFN= +7.5 DFN= +6.3
 Highest= 90 Lowest= 36

PRECIPITATION STATISTICS:

Total= 6.61 DFN= +3.58 Greatest Daily= 2.01 Rain Days= 11

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
11/ 1	85	13	63	17	74	15	.00	81	72	77	9.99	999	0
11/ 2	80	8	63	17	72	13	.00	77	72	75	9.99	999	0
11/ 3	67	-4	54	9	61	3	.07	72	68	70	9.99	999	0
11/ 4	65	-6	54	9	60	2	.10	72	68	70	9.99	999	0
11/ 5	68	-2	56	11	62	4	.00	72	68	70	9.99	999	0
11/ 6	65	-5	41	-3	53	-4	.00	69	62	66	9.99	999	0
11/ 7	64	-6	36	-8	50	-7	.00	69	58	64	9.99	999	0
11/ 8	64	-5	38	-6	51	-6	.00	67	58	63	9.99	999	0
11/ 9	68	-1	41	-3	55	-2	.00	67	57	62	9.99	999	0
11/10	72	3	45	2	59	3	.00	67	57	62	9.99	999	0
11/11	78	10	41	-2	60	4	.51	68	57	63	9.99	999	0
11/12	52	-16	38	-5	45	-11	.00	61	55	58	9.99	999	0
11/13	53	-15	33	-10	43	-13	.00	63	53	58	9.99	999	0
11/14	58	-9	31	-11	45	-10	.00	61	53	57	9.99	999	0
11/15	67	0	34	-8	51	-4	.00	62	53	58	9.99	999	0
11/16	75	8	55	13	65	10	.10	66	56	61	9.99	999	0
11/17	69	3	33	-9	51	-3	.07	64	55	60	9.99	999	0
11/18	64	-2	36	-5	50	-4	.00	63	55	59	9.99	999	0
11/19	78	12	57	16	68	14	.06	67	55	61	9.99	999	0
11/20	58	-8	43	2	51	-3	.00	63	58	61	9.99	999	0
11/21	56	-9	39	-2	48	-5	.00	63	56	60	9.99	999	0
11/22	55	-10	30	-10	43	-10	.00	60	52	56	9.99	999	0
11/23	54	-11	28	-12	41	-12	.00	60	50	55	9.99	999	0
11/24	60	-5	28	-12	44	-9	.00	60	49	55	9.99	999	0
11/25	64	0	28	-12	46	-6	.00	60	50	55	9.99	999	0
11/26	72	8	36	-4	54	2	.00	61	50	56	9.99	999	0
11/27	73	9	52	13	63	11	.00	62	54	58	9.99	999	0
11/28	68	5	37	-2	53	2	1.26	63	54	59	9.99	999	0
11/29	51	-12	27	-12	39	-12	.00	60	50	55	9.99	999	0
11/30	59	-4	30	-9	45	-6	.00	58	50	54	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 65.4 Mean Minimum= 40.9 Average= 53.1
 DFN= -1.7 DFN= -1.2 DFN= -1.4
 Highest= 85 Lowest= 27

PRECIPITATION STATISTICS:

Total= 2.17 DFN= -1.56 Greatest Daily= 1.26 Rain Days= 7

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
12/ 1	65	2	43	4	54	3	.26	62	52	57	9.99	999	0
12/ 2	68	5	50	12	59	8	.00	63	55	59	9.99	999	0
12/ 3	77	15	52	14	65	15	1.30	64	55	60	9.99	999	0
12/ 4	59	-3	35	-3	47	-3	.00	59	52	56	9.99	999	0
12/ 5	58	-4	37	-1	48	-2	1.92	53	52	53	9.99	999	0
12/ 6	50	-12	36	-2	43	-7	.44	54	50	52	9.99	999	0
12/ 7	45	-16	21	-16	33	-16	.00	54	44	49	9.99	999	0
12/ 8	45	-16	22	-15	34	-15	.00	51	44	48	9.99	999	0
12/ 9	45	-16	27	-10	36	-13	.00	53	44	49	9.99	999	0
12/10	67	6	42	5	55	6	.00	57	42	50	9.99	999	0
12/11	74	13	41	4	58	9	.00	61	51	56	9.99	999	0
12/12	68	8	41	4	55	6	.00	61	51	56	9.99	999	0
12/13	68	8	41	4	55	6	.00	67	57	62	9.99	999	0
12/14	77	17	50	14	64	16	.00	65	56	61	9.99	999	0
12/15	79	19	50	14	65	17	.00	65	56	61	9.99	999	0
12/16	70	10	55	19	63	15	.00	65	56	61	9.99	999	0
12/17	77	18	51	15	64	16	.00	66	57	62	9.99	999	0
12/18	76	17	51	15	64	16	.00	66	58	62	9.99	999	0
12/19	76	17	50	14	63	15	.00	66	58	62	9.99	999	0
12/20	74	15	53	17	64	16	.00	66	58	62	9.99	999	0
12/21	66	7	57	22	62	15	.00	63	60	62	9.99	999	0
12/22	65	6	45	10	55	8	.00	63	57	60	9.99	999	0
12/23	66	8	40	5	53	6	.00	63	58	61	9.99	999	0
12/24	65	7	40	5	53	6	.00	62	56	59	9.99	999	0
12/25	76	18	57	22	67	20	.00	66	60	63	9.99	999	0
12/26	59	1	43	8	51	4	.00	63	57	60	9.99	999	0
12/27	72	14	44	9	58	11	.00	64	57	61	9.99	999	0
12/28	73	15	49	14	61	14	.00	66	57	62	9.99	999	0
12/29	76	18	53	18	65	18	.00	66	58	62	9.99	999	0
12/30	75	17	59	24	67	20	.00	67	61	64	9.99	999	0
12/31	80	23	59	24	70	24	.00	70	61	66	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 67.5 Mean Minimum= 45.0 Average= 56.2
 DFN= +7.6 DFN= +8.7 DFN= +8.2
 Highest= 80 Lowest= 21

PRECIPITATION STATISTICS:

Total= 4.42 DFN= -1.30 Greatest Daily= 1.92 Rain Days= 4

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: BREWTON ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
01/ 1	32	-30	10	-27	21	-29	.00	38	33	36	9.99	999	0
01/ 2	45	-17	11	-26	28	-22	.00	42	33	38	9.99	999	0
01/ 3	51	-11	18	-19	35	-15	.00	48	35	42	9.99	999	0
01/ 4	56	-6	21	-16	39	-11	.00	53	36	45	9.99	999	0
01/ 5	63	1	22	-15	43	-7	.00	53	35	44	9.99	999	0
01/ 6	64	2	30	-7	47	-3	.00	57	41	49	9.99	999	0
01/ 7	71	9	31	-6	51	1	.00	57	41	49	9.99	999	0
01/ 8	60	-2	29	-8	45	-5	.00	54	42	48	9.99	999	0
01/ 9	70	8	28	-9	49	-1	.00	58	42	50	9.99	999	0
01/10	68	6	38	1	53	3	.89	56	44	50	9.99	999	0
01/11	66	4	27	-10	47	-3	88.88	60	40	50	9.99	999	0
01/12	40	-22	25	-11	33	-16	.00	49	38	44	9.99	999	0
01/13	50	-12	26	-10	38	-11	.00	47	37	42	9.99	999	0
01/14	59	-3	34	-2	47	-2	.00	55	40	48	9.99	999	0
01/15	61	-1	36	-1	49	-1	.00	58	46	52	9.99	999	0
01/16	46	-16	37	0	42	-8	.28	49	45	47	9.99	999	0
01/17	51	-11	40	3	46	-4	.08	52	48	50	9.99	999	0
01/18	58	-4	40	3	49	-1	.21	52	47	50	9.99	999	0
01/19	59	-3	25	-12	42	-8	.77	53	41	47	9.99	999	0
01/20	40	-22	21	-16	31	-19	.00	48	36	42	9.99	999	0
01/21	38	-24	20	-17	29	-21	.00	41	34	38	9.99	999	0
01/22	43	-19	14	-23	29	-21	.00	46	34	40	9.99	999	0
01/23	52	-10	17	-20	35	-15	.00	47	34	41	9.99	999	0
01/24	52	-11	39	2	46	-4	1.44	50	41	46	9.99	999	0
01/25	61	-2	51	14	56	6	.77	54	50	52	9.99	999	0
01/26	57	-6	39	2	48	-2	.03	56	48	52	9.99	999	0
01/27	56	-7	41	4	49	-1	.27	54	47	51	9.99	999	0
01/28	63	0	31	-6	47	-3	.00	62	44	53	9.99	999	0
01/29	65	2	30	-7	48	-2	.00	62	43	53	9.99	999	0
01/30	67	4	30	-7	49	-1	.00	61	43	52	9.99	999	0
01/31	64	0	25	-12	45	-6	.00	58	39	49	9.99	999	0

AIR TEMPERATURES:
 Mean Maximum= 53.7 Mean Minimum= 29.6 Average= 42.2
 DFN= -6.5 DFN= -8.3 DFN= -7.4
 Highest= 71 Lowest= 10

PRECIPITATION STATISTICS:
 Total= 4.74 DFN= -.02 Greatest Daily= 1.44 Rain Days= 9

AVERAGE DAILY VALUES:
 Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 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. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: BREWTON ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
02/ 1	53	-11	22	-15	38	-13	.00	56	37	47	9.99	999	0
02/ 2	62	-2	23	-14	43	-8	.00	56	37	47	9.99	999	0
02/ 3	66	2	26	-11	46	-5	.06	60	40	50	9.99	999	0
02/ 4	60	-4	39	2	50	-1	.58	55	47	51	9.99	999	0
02/ 5	63	-1	27	-10	45	-6	.00	61	41	51	9.99	999	0
02/ 6	58	-7	20	-17	39	-12	.00	57	36	47	9.99	999	0
02/ 7	44	-19	18	-20	32	-20	.00	52	35	44	9.99	999	0
02/ 8	54	-11	19	-19	37	-15	.00	55	35	45	9.99	999	0
02/ 9	61	-4	22	-16	42	-10	.00	58	37	48	9.99	999	0
02/10	68	3	26	-12	47	-5	.00	62	38	50	9.99	999	0
02/11	73	7	49	11	61	9	.00	63	49	56	9.99	999	0
02/12	78	12	49	11	64	12	.00	72	54	63	9.99	999	0
02/13	75	9	45	7	60	8	.94	67	54	61	9.99	999	0
02/14	69	3	39	1	54	2	.03	64	50	57	9.99	999	0
02/15	70	4	31	-7	51	-1	.00	66	46	56	9.99	999	0
02/16	74	8	31	-8	53	0	.00	66	46	56	9.99	999	0
02/17	69	2	41	2	55	2	.09	63	51	57	9.99	999	0
02/18	75	8	40	1	58	5	.00	70	52	61	9.99	999	0
02/19	74	7	39	0	57	4	.00	68	52	60	9.99	999	0
02/20	78	11	48	9	63	10	88.88	70	55	63	9.99	999	0
02/21	61	-7	44	5	53	-1	.15	62	53	58	9.99	999	0
02/22	62	-6	40	0	51	-3	88.88	60	51	56	9.99	999	0
02/23	55	-13	40	0	48	-6	.11	58	50	54	9.99	999	0
02/24	68	0	34	-6	51	-3	.00	66	48	57	9.99	999	0
02/25	70	2	29	-11	50	-4	.00	65	46	56	9.99	999	0
02/26	66	-3	30	-11	48	-7	.00	68	45	57	9.99	999	0
02/27	70	1	35	-6	53	-2	1.77	68	45	57	9.99	999	0
02/28	68	-1	34	-7	51	-4	.02	67	45	56	9.99	999	0
02/29	41	-28	25	-16	33	-22	88.88	50	38	44	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 65.1 Mean Minimum= 33.3 Average= 49.2
 DFN= -1.3 DFN= -3.4 DFN= -3.4
 Highest= 78 Lowest= 18

PRECIPITATION STATISTICS:

Total= 3.75 DFN= -2.03 Greatest Daily= 1.77 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

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 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: BREWTON ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
03/ 1	50	-19	21	-20	36	-19	.00	58	38	48	9.99	999	0
03/ 2	56	-14	23	-19	40	-16	.00	61	38	50	9.99	999	0
03/ 3	65	-5	28	-14	47	-9	.00	63	41	52	9.99	999	0
03/ 4	69	-1	42	0	56	0	88.88	62	48	55	9.99	999	0
03/ 5	75	5	39	-3	57	1	.00	71	50	61	9.99	999	0
03/ 6	68	-3	45	3	57	0	3.11	62	56	59	9.99	999	0
03/ 7	52	-19	31	-12	42	-15	.11	57	42	50	9.99	999	0
03/ 8	57	-14	26	-17	42	-15	.00	60	41	51	9.99	999	0
03/ 9	68	-3	29	-14	49	-8	.00	64	41	53	9.99	999	0
03/10	58	-14	26	-17	42	-16	.00	64	43	54	9.99	999	0
03/11	65	-7	30	-14	48	-10	.00	67	43	55	9.99	999	0
03/12	71	-1	35	-9	53	-5	.00	71	45	58	9.99	999	0
03/13	73	1	43	-1	58	0	.12	66	49	58	9.99	999	0
03/14	78	5	46	2	62	3	.00	74	55	65	9.99	999	0
03/15	84	11	49	4	67	8	.00	82	55	69	9.99	999	0
03/16	90	7	51	6	66	7	.00	79	60	70	9.99	999	0
03/17	83	10	51	6	67	8	.00	84	61	73	9.99	999	0
03/18	83	9	49	4	66	6	.00	82	61	72	9.99	999	0
03/19	81	7	51	5	66	6	.00	82	61	72	9.99	999	0
03/20	80	6	52	6	66	6	1.63	80	61	71	9.99	999	0
03/21	63	-11	33	-13	48	-12	.04	64	48	56	9.99	999	0
03/22	69	-6	39	-7	54	-7	.00	66	48	57	9.99	999	0
03/23	77	2	43	-3	60	-1	.00	74	50	62	9.99	999	0
03/24	81	6	47	0	64	3	.00	79	56	68	9.99	999	0
03/25	75	-1	53	6	64	2	.09	71	57	64	9.99	999	0
03/26	72	-4	40	-7	56	-6	.00	81	56	69	9.99	999	0
03/27	75	-1	44	-3	60	-2	.00	75	56	66	9.99	999	0
03/28	81	5	58	10	70	8	.17	77	63	70	9.99	999	0
03/29	80	3	47	-1	64	1	.00	78	58	68	9.99	999	0
03/30	66	-11	33	-15	50	-13	.00	73	52	63	9.99	999	0
03/31	68	-9	35	-13	52	-11	.00	76	51	64	9.99	999	0

AIR TEMPERATURES:
 Mean Maximum= 71.1 Mean Minimum= 40.0 Average= 55.5
 DFN= -2.1 DFN= -4.8 DFN= -3.5
 Highest= 84 Lowest= 21

PRECIPITATION STATISTICS:
 Total= 5.27 DFN= -.93 Greatest Daily= 3.11 Rain Days= 7

AVERAGE DAILY VALUES:
 Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

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 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE Area Weather Service Center, Auburn University, AL

Daily Weather Observations for: BREWTON ALABAMA 1984

DATE	AIR TEMPERATURE							4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN			
04/ 1	74	-4	41	-7	58	-5	.00	79	53	66	9.99	999	0
04/ 2	73	-5	42	-7	58	-6	.00	81	53	67	9.99	999	0
04/ 3	77	-1	47	-2	62	-2	2.09	77	54	66	9.99	999	0
04/ 4	73	-5	56	7	65	1	.37	74	63	69	9.99	999	0
04/ 5	72	-7	44	-5	58	-6	.00	74	55	65	9.99	999	0
04/ 6	65	-14	36	-13	51	-13	.00	66	52	59	9.99	999	0
04/ 7	74	-5	42	-8	58	-7	.00	75	52	64	9.99	999	0
04/ 8	77	-2	47	-3	62	-3	.00	76	55	66	9.99	999	0
04/ 9	71	-9	55	5	63	-2	1.44	64	60	62	9.99	999	0
04/10	77	-3	47	-3	62	-3	.00	78	61	70	9.99	999	0
04/11	67	-13	47	-4	57	-9	88.88	68	59	64	9.99	999	0
04/12	68	-13	44	-7	56	-10	88.88	67	58	63	9.99	999	0
04/13	74	-7	50	-1	62	-4	.00	72	58	65	9.99	999	0
04/14	82	1	55	4	69	3	.00	79	62	71	9.99	999	0
04/15	79	-2	42	-9	61	-5	.00	79	61	70	9.99	999	0
04/16	68	-13	43	-9	56	-11	.00	74	58	66	9.99	999	0
04/17	68	-14	40	-12	54	-13	.04	70	56	63	9.99	999	0
04/18	69	-13	42	-10	56	-11	88.88	69	56	63	9.99	999	0
04/19	77	-5	49	-3	63	-4	.00	79	56	68	9.99	999	0
04/20	81	-1	62	10	72	5	88.88	78	66	72	9.99	999	0
04/21	83	0	62	9	73	5	.00	82	69	76	9.99	999	0
04/22	85	2	66	13	76	8	.00	83	70	77	9.99	999	0
04/23	79	-4	57	4	68	0	.75	78	66	72	9.99	999	0
04/24	74	-9	40	-13	57	-11	.00	80	59	70	9.99	999	0
04/25	80	-3	45	-9	63	-6	.00	82	59	71	9.99	999	0
04/26	83	-1	47	-7	65	-4	.00	87	62	75	9.99	999	0
04/27	82	-2	58	4	70	1	.09	81	64	73	9.99	999	0
04/28	85	1	69	15	77	8	.00	83	71	77	9.99	999	0
04/29	86	2	65	11	76	7	88.88	86	71	79	9.99	999	0
04/30	85	1	62	7	74	4	.00	89	71	80	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 76.3 Mean Minimum= 50.1 Average= 63.2
 DFN= -4.9 DFN= -1.4 DFN= -3.2
 Highest= 86 Lowest= 36

PRECIPITATION STATISTICS:

Total= 4.79 DFN= -.38 Greatest Daily= 2.09 Rain Days= 6

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: BREWTON
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
05/ 1	86	2	61	6	74	4	.02	87	70	79	9.99	999	0
05/ 2	81	-4	62	7	72	2	.00	84	70	77	9.99	999	0
05/ 3	82	-3	62	7	72	2	.00	82	72	77	9.99	999	0
05/ 4	91	-4	52	-4	67	-4	.64	78	67	73	9.99	999	0
05/ 5	85	0	55	-1	70	-1	.00	87	67	77	9.99	999	0
05/ 6	87	2	59	3	73	2	.00	85	67	76	9.99	999	0
05/ 7	89	3	71	15	80	9	.00	91	74	83	9.99	999	0
05/ 8	90	4	70	14	80	9	.00	93	76	85	9.99	999	0
05/ 9	77	-9	42	-15	60	-12	.26	78	60	69	9.99	999	0
05/10	76	-10	42	-15	59	-13	.00	86	60	73	9.99	999	0
05/11	82	-4	46	-11	64	-8	.00	90	62	76	9.99	999	0
05/12	86	-1	48	-9	67	-5	.00	92	66	79	9.99	999	0
05/13	87	0	55	-2	71	-1	.00	94	67	81	9.99	999	0
05/14	91	4	56	-2	74	1	.00	95	71	83	9.99	999	0
05/15	92	5	59	1	76	3	.21	97	71	84	9.99	999	0
05/16	85	-2	49	-10	67	-6	.00	94	68	81	9.99	999	0
05/17	80	-7	49	-9	65	-8	.00	91	66	79	9.99	999	0
05/18	84	-4	50	-9	67	-7	.00	91	66	79	9.99	999	0
05/19	86	-2	51	-8	69	-5	.00	93	68	81	9.99	999	0
05/20	85	-3	58	-1	72	-2	.00	94	71	83	9.99	999	0
05/21	85	-3	64	5	75	1	.24	87	73	80	9.99	999	0
05/22	83	-5	61	1	72	-2	7.35	82	69	76	9.99	999	0
05/23	72	-17	62	2	67	-8	.66	71	68	70	9.99	999	0
05/24	87	-2	64	4	76	1	.00	85	70	78	9.99	999	0
05/25	90	1	66	6	78	3	.03	89	71	80	9.99	999	0
05/26	87	-2	66	6	77	2	.00	89	74	82	9.99	999	0
05/27	91	2	65	4	78	3	.00	98	74	86	9.99	999	0
05/28	90	0	65	4	78	2	88.88	93	76	85	9.99	999	0
05/29	89	-1	65	4	77	1	.17	89	74	82	9.99	999	0
05/30	77	-13	45	-16	61	-15	88.88	88	63	76	9.99	999	0
05/31	70	-20	39	-23	55	-21	.00	80	61	71	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 84.3 Mean Minimum= 56.7 Average= 70.5
 DFN= -3.0 DFN= -1.5 DFN= -2.2
 Highest= 92 Lowest= 39

PRECIPITATION STATISTICS:

Total= 9.58 DFN= +4.84 Greatest Daily= 7.35 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: BREWTON
ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
06/ 1	76	-14	43	-19	60	-16	.00	87	61	74	9.99	999	0
06/ 2	83	-7	48	-14	66	-10	.00	92	64	78	9.99	999	0
06/ 3	86	-5	49	-13	68	-9	.00	95	63	82	9.99	999	0
06/ 4	90	-1	55	-8	73	-4	.00	97	70	84	9.99	999	0
06/ 5	91	0	54	-9	73	-4	.00	98	72	85	9.99	999	0
06/ 6	92	1	59	-4	76	-1	.00	97	73	85	9.99	999	0
06/ 7	90	-1	63	0	77	0	.00	94	76	85	9.99	999	0
06/ 8	93	2	64	1	79	2	.00	97	77	87	9.99	999	0
06/ 9	92	0	64	0	78	0	.02	98	77	88	9.99	999	0
06/10	91	-1	63	-1	77	-1	.14	98	75	87	9.99	999	0
06/11	90	-2	63	-1	77	-1	88.88	97	75	86	9.99	999	0
06/12	93	1	64	0	79	1	.00	100	76	88	9.99	999	0
06/13	95	3	62	-2	79	1	.68	100	74	87	9.99	999	0
06/14	91	-1	64	-1	78	-1	.00	93	74	84	9.99	999	0
06/15	94	2	66	1	80	1	.33	96	76	86	9.99	999	0
06/16	88	-4	66	1	77	-2	.23	89	75	82	9.99	999	0
06/17	91	-1	64	-1	78	-1	.47	93	74	84	9.99	999	0
06/18	90	-3	66	1	78	-1	.00	91	74	83	9.99	999	0
06/19	91	-2	67	2	79	0	.00	95	76	86	9.99	999	0
06/20	95	2	68	2	82	2	.00	102	76	89	9.99	999	0
06/21	96	3	68	2	82	2	.04	102	77	90	9.99	999	0
06/22	95	2	68	2	82	2	.87	100	77	89	9.99	999	0
06/23	94	1	69	3	82	2	.00	94	77	86	9.99	999	0
06/24	92	-1	68	2	80	0	1.22	91	76	84	9.99	999	0
06/25	92	-1	70	4	81	1	.00	94	76	85	9.99	999	0
06/26	92	-1	58	-8	75	-5	.00	98	74	86	9.99	999	0
06/27	90	-3	61	-6	76	-4	.00	98	74	86	9.99	999	0
06/28	92	-1	64	-3	78	-2	.02	95	76	86	9.99	999	0
06/29	93	0	67	0	80	0	.00	95	77	86	9.99	999	0
06/30	86	-7	67	0	77	-3	.27	88	75	82	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 90.3 Mean Minimum= 62.4 Average= 76.6
 DFN= -1.3 DFN= -2.3 DFN= -1.3
 Highest= 96 Lowest= 43

PRECIPITATION STATISTICS:

Total= 4.29 DFN= -1.61 Greatest Daily= 1.22 Rain Days= 11

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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Daily Weather Observations for: BREWTON ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
07/ 1	87	-6	64	-3	76	-4	.00	89	75	82	9.99	999	0
07/ 2	87	-6	63	-4	75	-5	.94	92	74	83	9.99	999	0
07/ 3	90	-3	67	0	79	-1	.00	90	74	82	9.99	999	0
07/ 4	88	-5	66	-2	77	-4	.00	88	75	82	9.99	999	0
07/ 5	94	1	66	-2	80	-1	.00	97	75	86	9.99	999	0
07/ 6	92	-1	66	-2	79	-2	.00	97	77	87	9.99	999	0
07/ 7	93	0	66	-2	80	-1	.45	101	76	89	9.99	999	0
07/ 8	93	0	66	-2	80	-1	.27	94	76	85	9.99	999	0
07/ 9	91	-2	67	-1	79	-2	.00	94	76	85	9.99	999	0
07/10	95	2	68	0	82	1	.00	100	78	89	9.99	999	0
07/11	95	2	69	1	82	1	.00	102	80	91	9.99	999	0
07/12	96	3	73	5	85	4	.00	102	82	92	9.99	999	0
07/13	84	-9	66	-2	75	-6	.60	85	75	80	9.99	999	0
07/14	92	-1	66	-2	79	-2	88.88	94	75	85	9.99	999	0
07/15	93	0	70	2	82	1	.23	96	77	87	9.99	999	0
07/16	93	0	68	0	81	0	.12	94	77	86	9.99	999	0
07/17	91	-2	67	-1	79	-2	1.08	92	76	84	9.99	999	0
07/18	89	-4	69	1	79	-2	88.88	90	76	83	9.99	999	0
07/19	88	-5	66	-3	77	-4	1.07	88	76	82	9.99	999	0
07/20	86	-7	67	-2	77	-4	.00	89	76	83	9.99	999	0
07/21	89	-4	66	-3	78	-3	.00	92	76	84	9.99	999	0
07/22	90	-3	67	-2	79	-2	.00	94	76	85	9.99	999	0
07/23	92	-1	65	-4	79	-2	.00	98	78	88	9.99	999	0
07/24	88	-5	67	-2	78	-3	.00	96	78	87	9.99	999	0
07/25	88	-5	66	-2	77	-4	.74	96	77	87	9.99	999	0
07/26	93	0	66	-2	80	-1	.03	95	75	85	9.99	999	0
07/27	92	-1	66	-2	79	-2	.00	96	77	87	9.99	999	0
07/28	96	3	67	-1	82	1	.00	99	77	88	9.99	999	0
07/29	86	-7	66	-2	76	-5	.04	89	77	83	9.99	999	0
07/30	75	-18	66	-2	71	-10	1.63	78	74	76	9.99	999	0
07/31	81	-12	63	-5	72	-9	.02	83	74	79	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 89.9 Mean Minimum= 66.6 Average= 78.3
 DFN= -3.1 DFN= -1.5 DFN= -2.3
 Highest= 96 Lowest= 63

PRECIPITATION STATISTICS:

Total= 7.22 DFN= +.28 Greatest Daily= 1.63 Rain Days= 13

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

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 square meter. A '0' indicates no solar data available.

National Weather Service
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Daily Weather Observations for: BREWTON
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
08/ 1	86	-7	66	-2	76	-5	.77	86	74	80	9.99	999	0
08/ 2	76	-17	68	0	72	-9	2.87	78	74	76	9.99	999	0
08/ 3	79	-14	65	-3	72	-9	2.03	79	73	76	9.99	999	0
08/ 4	90	-3	65	-3	78	-3	88.88	90	73	82	9.99	999	0
08/ 5	90	-3	64	-4	77	-4	.17	89	73	81	9.99	999	0
08/ 6	91	-2	64	-4	78	-3	.32	92	74	83	9.99	999	0
08/ 7	91	-2	65	-3	78	-3	.00	92	76	84	9.99	999	0
08/ 8	92	-1	65	-3	79	-2	.00	95	76	86	9.99	999	0
08/ 9	88	-5	65	-3	77	-4	.00	96	77	87	9.99	999	0
08/10	90	-3	65	-3	78	-3	.03	95	75	85	9.99	999	0
08/11	91	-2	66	-2	79	-2	.11	92	76	84	9.99	999	0
08/12	84	-9	68	0	76	-5	.19	84	76	80	9.99	999	0
08/13	88	-5	66	-1	77	-3	1.06	87	75	81	9.99	999	0
08/14	88	-5	64	-3	76	-4	.05	88	74	81	9.99	999	0
08/15	87	-6	64	-3	76	-4	.30	84	73	79	9.99	999	0
08/16	90	-3	64	-3	77	-3	88.88	92	73	83	9.99	999	0
08/17	92	-1	67	0	80	0	.00	93	75	84	9.99	999	0
08/18	91	-2	68	1	80	0	.04	90	77	84	9.99	999	0
08/19	92	-1	66	-1	79	-1	.00	94	77	86	9.99	999	0
08/20	91	-1	66	-1	79	-1	.00	96	77	87	9.99	999	0
08/21	90	-2	68	1	79	-1	.52	93	78	86	9.99	999	0
08/22	90	-2	67	0	79	-1	.00	90	77	84	9.99	999	0
08/23	91	-1	68	1	80	0	.00	93	77	85	9.99	999	0
08/24	89	-3	69	2	79	-1	.33	92	78	85	9.99	999	0
08/25	89	-3	67	0	78	-2	.00	88	77	83	9.99	999	0
08/26	90	-2	69	2	80	0	.00	89	77	83	9.99	999	0
08/27	90	-2	68	1	79	-1	2.26	92	77	85	9.99	999	0
08/28	87	-5	65	-2	76	-4	.03	87	74	81	9.99	999	0
08/29	89	-2	65	-2	77	-2	.00	90	74	82	9.99	999	0
08/30	88	-3	64	-3	76	-3	.00	87	74	81	9.99	999	0
08/31	90	-1	64	-3	77	-2	.00	93	74	84	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 88.7 Mean Minimum= 66.0 Average= 77.3
 DFN= -3.8 DFN= -1.4 DFN= -2.6
 Highest= 92 Lowest= 64

PRECIPITATION STATISTICS:

Total= 11.08 DFN= +5.57 Greatest Daily= 2.87 Rain Days= 16

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

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Daily Weather Observations for: BREWTON
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
09/ 1	93	2	65	-2	79	0	.00	95	76	86	9.99	999	0
09/ 2	94	3	65	-2	80	1	.00	97	78	88	9.99	999	0
09/ 3	94	3	66	-1	80	1	.00	97	78	88	9.99	999	0
09/ 4	92	1	66	-1	79	0	1.74	98	77	88	9.99	999	0
09/ 5	80	-10	58	-8	69	-9	.02	83	71	77	9.99	999	0
09/ 6	82	-8	57	-9	70	-8	.00	85	70	78	9.99	999	0
09/ 7	84	-6	58	-8	71	-7	.00	87	70	79	9.99	999	0
09/ 8	84	-6	60	-6	72	-6	.00	89	70	80	9.99	999	0
09/ 9	87	-3	56	-10	72	-6	.00	92	71	82	9.99	999	0
09/10	87	-3	59	-7	73	-5	.00	92	71	82	9.99	999	0
09/11	90	1	63	-2	77	0	.00	94	74	84	9.99	999	0
09/12	89	0	64	-1	77	0	1.93	88	73	81	9.99	999	0
09/13	91	2	64	-1	78	1	.00	88	73	81	9.99	999	0
09/14	93	4	65	0	79	2	.00	91	74	83	9.99	999	0
09/15	94	5	66	2	80	3	.00	93	76	85	9.99	999	0
09/16	93	5	59	-5	76	0	88.88	93	71	82	9.99	999	0
09/17	84	-4	59	-5	72	-4	.00	89	71	80	9.99	999	0
09/18	78	-10	56	-7	67	-9	.00	85	71	78	9.99	999	0
09/19	81	-7	56	-7	69	-7	.00	87	70	79	9.99	999	0
09/20	80	-7	56	-7	68	-7	.00	83	69	76	9.99	999	0
09/21	86	-1	55	-7	71	-4	.00	89	69	79	9.99	999	0
09/22	89	2	57	-5	73	-2	.00	92	70	81	9.99	999	0
09/23	87	0	64	3	76	2	.00	87	73	80	9.99	999	0
09/24	90	3	59	-2	75	1	.00	93	73	83	9.99	999	0
09/25	90	4	58	-2	74	1	.00	91	73	82	9.99	999	0
09/26	88	2	55	-5	72	-1	.00	91	72	82	9.99	999	0
09/27	92	6	55	-4	74	1	.00	93	72	83	9.99	999	0
09/28	91	6	60	1	76	4	.00	92	74	83	9.99	999	0
09/29	85	0	54	-4	70	-2	.00	89	71	80	9.99	999	0
09/30	80	-5	52	-6	66	-6	.00	88	70	79	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 87.6 Mean Minimum= 59.6 Average= 73.6
 DFN= -0.7 DFN= -3.9 DFN= -2.3
 Highest= 94 Lowest= 52

PRECIPITATION STATISTICS:

Total= 3.69 DFN= -1.33 Greatest Daily= 1.93 Rain Days= 3

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

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Daily Weather Observations for: BREWTON
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
10/ 1	74	-11	41	-16	58	-13	.00	83	64	74	9.99	999	0
10/ 2	71	-13	33	-24	52	-19	.00	81	61	71	9.99	999	0
10/ 3	74	-10	34	-22	54	-16	.00	81	60	71	9.99	999	0
10/ 4	80	-4	34	-22	57	-13	.00	82	60	71	9.99	999	0
10/ 5	81	-2	38	-17	60	-9	.00	78	62	70	9.99	999	0
10/ 6	85	2	44	-10	65	-4	.00	83	64	74	9.99	999	0
10/ 7	85	2	55	1	70	1	.00	84	67	76	9.99	999	0
10/ 8	87	5	56	3	72	4	.00	85	69	77	9.99	999	0
10/ 9	86	4	56	3	71	3	.12	84	70	77	9.99	999	0
10/10	86	4	57	5	72	5	.00	87	70	79	9.99	999	0
10/11	85	3	55	3	70	3	.00	86	69	78	9.99	999	0
10/12	86	5	53	2	70	4	.00	87	69	78	9.99	999	0
10/13	86	5	52	1	69	3	.00	88	69	79	9.99	999	0
10/14	88	7	54	3	71	5	.00	88	70	79	9.99	999	0
10/15	88	8	55	5	72	7	.14	87	70	79	9.99	999	0
10/16	79	-1	64	14	72	7	.88	77	74	76	9.99	999	0
10/17	89	9	67	18	78	13	.00	81	74	78	9.99	999	0
10/18	85	6	65	16	75	11	88.88	79	66	73	9.99	999	0
10/19	88	9	65	17	77	13	.00	83	72	78	9.99	999	0
10/20	88	9	64	16	76	12	.00	84	72	78	9.99	999	0
10/21	86	8	65	17	76	13	.22	85	72	79	9.99	999	0
10/22	87	9	66	19	77	14	88.88	82	71	77	9.99	999	0
10/23	88	10	67	20	78	15	.00	83	73	78	9.99	999	0
10/24	88	11	61	14	75	13	.00	84	72	78	9.99	999	0
10/25	88	11	58	12	73	11	.00	87	70	79	9.99	999	0
10/26	85	8	56	10	71	9	.00	86	69	78	9.99	999	0
10/27	86	10	57	11	72	11	.00	87	69	78	9.99	999	0
10/28	83	7	64	19	74	13	.70	79	72	76	9.99	999	0
10/29	84	8	68	23	76	15	.35	81	73	77	9.99	999	0
10/30	85	10	64	19	75	15	.00	81	72	77	9.99	999	0
10/31	86	11	60	15	73	13	.00	84	70	77	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 84.4 Mean Minimum= 55.7 Average= 70.1
 DFN= +4.5 DFN= +5.6 DFN= +5.1
 Highest= 89 Lowest= 33

PRECIPITATION STATISTICS:

Total= 2.41 DFN= -.51 Greatest Daily= .88 Rain Days= 6

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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Daily Weather Observations for: BREWTON
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			EVAP
11/ 1	87	12	62	18	75	15	.00	82	70	76	9.99	999	0
11/ 2	84	10	59	15	72	13	.00	79	69	74	9.99	999	0
11/ 3	71	-3	54	10	63	4	.12	71	65	68	9.99	999	0
11/ 4	70	-3	55	11	63	4	.15	69	65	67	9.99	999	0
11/ 5	78	5	49	5	64	5	.00	76	64	70	9.99	999	0
11/ 6	70	-3	35	-8	53	-5	.00	71	55	63	9.99	999	0
11/ 7	66	-6	31	-12	49	-9	.00	68	51	60	9.99	999	0
11/ 8	66	-6	32	-11	49	-9	.00	68	50	59	9.99	999	0
11/ 9	70	-2	34	-9	52	-6	.00	69	50	60	9.99	999	0
11/10	75	3	36	-6	56	-1	.00	70	52	61	9.99	999	0
11/11	78	7	34	-8	56	-1	.25	69	52	61	9.99	999	0
11/12	59	-12	32	-10	46	-11	.00	63	49	56	9.99	999	0
11/13	58	-13	25	-17	42	-15	.00	62	45	54	9.99	999	0
11/14	64	-6	25	-17	45	-11	.00	63	45	54	9.99	999	0
11/15	71	1	26	-15	49	-7	.00	65	45	55	9.99	999	0
11/16	78	8	48	7	63	7	.00	68	54	61	9.99	999	0
11/17	65	-4	35	-6	50	-5	88.88	62	51	57	9.99	999	0
11/18	69	0	37	-4	53	-2	.00	63	52	58	9.99	999	0
11/19	80	11	53	12	67	12	.71	70	52	61	9.99	999	0
11/20	68	-1	44	3	56	1	.00	69	56	63	9.99	999	0
11/21	57	-11	41	1	49	-5	.00	58	52	55	9.99	999	0
11/22	52	-16	29	-11	41	-13	.00	55	42	49	9.99	999	0
11/23	57	-11	24	-16	41	-13	.00	57	41	49	9.99	999	0
11/24	65	-3	23	-17	44	-10	.00	60	41	51	9.99	999	0
11/25	71	3	29	-11	50	-4	.00	61	43	52	9.99	999	0
11/26	75	8	35	-5	55	1	.00	66	46	56	9.99	999	0
11/27	76	9	45	5	61	7	.00	65	51	58	9.99	999	0
11/28	71	4	40	1	56	3	1.39	64	52	58	9.99	999	0
11/29	56	-11	25	-14	41	-12	.00	59	43	51	9.99	999	0
11/30	62	-4	26	-13	44	-9	.00	59	42	51	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 69.0 Mean Minimum= 37.4 Average= 53.2
 DFN= -1.1 DFN= -4.1 DFN= -2.6
 Highest= 87 Lowest= 23

PRECIPITATION STATISTICS:

Total= 2.62 DFN= -1.43 Greatest Daily= 1.39 Rain Days= 5

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: BREWTON
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
12/ 1	74	9	38	-1	56	3	99.99	61	47	54	9.99	999	0
12/ 2	69	3	43	4	56	3	.00	63	54	59	9.99	999	0
12/ 3	78	12	52	13	65	12	.11	65	59	62	9.99	999	0
12/ 4	67	1	39	0	53	0	.00	62	50	56	9.99	999	0
12/ 5	48	-19	36	-3	42	-11	2.61	52	50	51	9.99	999	0
12/ 6	55	-10	36	-3	46	-6	.06	54	49	52	9.99	999	0
12/ 7	48	-17	20	-18	34	-18	.00	55	39	47	9.99	999	0
12/ 8	51	-14	19	-19	35	-17	.00	52	38	45	9.99	999	0
12/ 9	63	-2	22	-16	43	-9	.00	52	38	45	9.99	999	0
12/10	69	4	36	-2	53	1	.00	58	44	51	9.99	999	0
12/11	75	10	39	1	57	5	.00	62	51	57	9.99	999	0
12/12	74	10	39	1	57	6	.00	65	51	58	9.99	999	0
12/13	73	9	45	7	59	8	.00	64	54	59	9.99	999	0
12/14	77	13	46	8	62	11	.00	68	55	62	9.99	999	0
12/15	80	16	48	10	64	13	.00	67	55	61	9.99	999	0
12/16	75	11	54	16	63	14	.00	65	57	61	9.99	999	0
12/17	78	14	44	6	61	10	.00	67	55	61	9.99	999	0
12/18	77	13	44	6	61	10	.00	66	55	61	9.99	999	0
12/19	78	15	44	6	61	10	.00	68	57	63	9.99	999	0
12/20	77	14	45	8	61	11	.00	68	57	63	9.99	999	0
12/21	75	12	50	13	63	13	.00	69	59	64	9.99	999	0
12/22	77	14	51	14	64	14	.00	67	59	63	9.99	999	0
12/23	77	14	41	4	59	9	.07	66	54	60	9.99	999	0
12/24	77	14	42	5	60	10	.00	67	54	61	9.99	999	0
12/25	79	16	50	13	65	15	.00	69	60	65	9.99	999	0
12/26	73	10	43	6	58	9	99.99	70	54	62	9.99	999	0
12/27	74	11	44	7	59	9	.00	67	55	61	9.99	999	0
12/28	76	13	49	12	63	13	.00	71	58	65	9.99	999	0
12/29	76	14	50	13	63	13	.00	68	58	63	9.99	999	0
12/30	80	18	58	21	69	19	.00	73	62	68	9.99	999	0
12/31	82	20	55	18	69	19	.00	76	64	70	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 72.0 Mean Minimum= 42.6 Average= 57.3
 DFN= +8.0 DFN= +4.8 DFN= +6.4
 Highest= 82 Lowest= 19

PRECIPITATION STATISTICS:

Total= 2.85 DFN= -2.75 Greatest Daily= 2.61 Rain Days= 4

AVERAGE DAILY VALUES:

Pan Evaporation= 9.99 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
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Daily Weather Observations for: HEADLAND ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
01/ 1	41	-18	18	-19	30	-19	.00	36	34	35	9.99	999	0
01/ 2	50	-9	26	-11	38	-10	.00	36	34	35	9.99	999	0
01/ 3	55	-4	26	-11	41	-7	.00	41	36	39	9.99	999	0
01/ 4	54	-5	28	-9	41	-7	.00	50	39	45	9.99	999	0
01/ 5	60	1	30	-7	45	-3	.00	49	38	44	9.99	0	0
01/ 6	61	2	38	1	50	2	.00	53	44	49	.10	0	0
01/ 7	70	11	33	-4	52	4	.00	52	35	44	.10	0	0
01/ 8	60	1	35	-2	48	0	.00	60	40	50	.08	0	0
01/ 9	66	7	35	-2	51	3	.00	52	44	48	.07	0	0
01/10	65	7	43	6	54	6	.21	55	45	50	.08	8	0
01/11	67	9	31	-6	49	1	.08	63	45	54	9.99	3	0
01/12	55	-3	30	-7	43	-5	.00	50	42	46	9.99	0	0
01/13	46	-12	30	-7	38	-10	.00	48	41	45	9.99	0	0
01/14	46	-12	32	-5	39	-9	.01	50	45	48	.06	3	0
01/15	59	1	33	-4	46	-2	.00	54	44	49	.05	0	0
01/16	46	-12	40	3	43	-5	.42	50	48	49	.03	24	0
01/17	47	-11	42	5	45	-3	.23	51	50	51	.02	4	0
01/18	55	-4	44	7	50	2	.04	55	51	53	.02	24	0
01/19	62	3	30	-7	46	-2	1.12	59	46	53	9.99	24	0
01/20	41	-18	24	-13	33	-15	.00	46	40	43	9.99	0	0
01/21	38	-21	23	-14	31	-17	.00	43	38	41	9.99	0	0
01/22	44	-15	21	-16	33	-15	.00	45	38	42	9.99	0	0
01/23	48	-11	29	-9	38	-10	.00	44	36	40	9.99	0	0
01/24	55	-4	37	0	46	-2	2.00	52	40	46	9.99	14	0
01/25	58	-1	49	12	54	6	.30	55	51	53	.01	24	0
01/26	59	0	47	10	53	5	.12	59	51	55	.01	24	0
01/27	55	-4	48	11	52	4	.87	59	52	56	.10	24	0
01/28	60	1	38	1	49	1	.01	61	48	55	.06	999	0
01/29	64	5	37	0	51	3	.00	58	47	53	.06	0	0
01/30	63	3	42	5	53	4	.00	58	46	52	.06	0	0
01/31	66	6	26	-11	46	-3	.00	60	41	51	9.99	0	0

AIR TEMPERATURES:

Mean Maximum= 55.4 Mean Minimum= 33.7 Average= 44.5
 DFN= -3.5 DFN= -3.3 DFN= -3.4
 Highest= 70 Lowest= 18

PRECIPITATION STATISTICS:

Total= 5.41 DFN= +.14 Greatest Daily= 2.00 Rain Days= 12

AVERAGE DAILY VALUES:

Pan Evaporation= .06 Hours of Wet Vegetation= 6.8 Solar Energy= 9999.9

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 99.99 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. A '0' indicates no solar data available.

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Daily Weather Observations for: HEADLAND ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL				VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN	EVAP		
02/ 1	49	-11	29	-9	39	-10	.00	53	40	47	9.99	0	0
02/ 2	59	-1	31	-7	45	-4	.00	53	39	47	9.99	0	0
02/ 3	62	2	37	-1	50	1	.00	53	41	50	9.99	0	0
02/ 4	55	-5	44	6	50	1	.05	55	46	51	.05	6	0
02/ 5	64	4	34	-4	49	0	.00	60	45	53	.15	0	0
02/ 6	57	-4	20	-18	39	-11	.00	58	39	49	9.99	0	0
02/ 7	44	-17	22	-16	33	-17	.00	50	38	44	9.99	0	0
02/ 8	50	-11	25	-13	38	-12	.00	52	36	44	9.99	0	0
02/ 9	57	-4	28	-10	43	-7	.00	53	37	46	9.99	0	0
02/10	67	6	36	-2	52	2	.00	59	39	49	.09	0	0
02/11	73	11	47	3	60	9	.00	63	47	55	.12	0	0
02/12	76	14	48	9	62	11	.00	67	51	59	.10	0	0
02/13	75	13	55	16	65	14	1.47	68	54	61	.14	18	0
02/14	70	8	47	8	59	8	.13	69	56	63	.07	16	0
02/15	68	6	41	2	55	4	.00	66	51	59	.15	0	0
02/16	71	9	44	5	58	7	.00	65	49	57	.06	0	0
02/17	69	6	44	5	57	6	.00	63	51	57	.14	8	0
02/18	74	11	41	1	58	6	.00	69	53	61	.05	0	0
02/19	75	12	46	6	61	9	.00	68	51	60	.12	0	0
02/20	75	12	51	11	63	11	.00	70	58	64	.09	0	0
02/21	61	-3	45	5	53	1	88.88	61	56	59	.09	1	0
02/22	61	-3	46	6	54	2	.11	61	54	58	.05	1	0
02/23	55	-9	44	3	50	-3	.26	58	53	56	.14	24	0
02/24	65	1	40	-1	53	0	.00	65	49	57	.13	0	0
02/25	70	6	39	-2	55	2	.00	65	49	57	.13	0	0
02/26	70	5	40	-1	55	2	.00	65	50	58	.15	0	0
02/27	68	3	40	-2	54	0	2.12	65	50	58	.16	9	0
02/28	69	4	28	-14	49	-5	.03	69	46	58	9.99	3	0
02/29	45	-20	28	-14	37	-17	.00	47	40	44	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 63.9 Mean Minimum= 38.6 Average= 51.3
 DFN= +1.6 DFN= -.3 DFN= +.4
 Highest= 76 Lowest= 20

PRECIPITATION STATISTICS:

Total= 4.17 DFN= -.97 Greatest Daily= 2.12 Rain Days= 7

AVERAGE DAILY VALUES:

Pan Evaporation= .11 Hours of Wet Vegetation= 3.1 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: HEADLAND ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL				VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN	EVAP		
03/ 1	47	-13	23	-14	38	-16	.00	55	40	48	9.99	0	0
03/ 2	54	-12	33	-9	44	-10	.00	59	39	49	9.99	0	0
03/ 3	64	-2	39	-4	52	-3	.00	63	44	54	9.99	0	0
03/ 4	70	4	44	1	57	2	.00	67	49	58	.09	1	0
03/ 5	75	9	54	11	65	10	.00	70	53	62	.13	1	0
03/ 6	69	2	55	12	62	7	1.84	64	59	62	.05	13	0
03/ 7	57	-10	34	-10	46	-10	.05	65	47	56	.10	9	0
03/ 8	54	-13	35	-9	45	-11	.00	45	0	23	9.99	999	0
03/ 9	68	0	38	-6	53	-3	.00	65	44	55	.17	0	0
03/10	54	-14	30	-14	42	-14	.00	65	45	55	9.99	0	0
03/11	60	-8	35	-10	48	-9	.00	65	44	55	.12	0	0
03/12	68	0	42	-3	55	-2	.00	70	49	60	.12	0	0
03/13	69	0	47	2	58	1	.19	66	51	59	.11	13	0
03/14	76	7	48	3	62	5	.02	74	58	66	.08	10	0
03/15	80	11	52	6	66	8	.00	78	56	67	.14	0	0
03/16	80	11	48	2	64	6	.00	80	58	69	.13	7	0
03/17	80	10	57	11	69	11	.00	80	59	70	.18	0	0
03/18	80	10	52	6	66	8	.00	78	62	70	.17	0	0
03/19	83	13	52	5	68	9	.00	83	60	72	.17	0	0
03/20	83	12	60	13	72	13	.46	81	62	72	.15	4	0
03/21	70	-1	38	-9	54	-5	.63	73	51	62	.15	6	0
03/22	67	-4	34	-14	51	-9	.00	68	50	59	.19	0	0
03/23	77	5	49	1	63	3	.00	76	51	64	.15	0	0
03/24	80	8	51	3	66	6	.00	81	58	70	.22	0	0
03/25	79	7	48	0	64	4	.03	80	57	69	.22	12	0
03/26	78	5	45	-4	62	1	.00	82	58	70	.21	0	0
03/27	73	0	53	4	63	2	.02	78	59	69	.12	3	0
03/28	72	-1	57	8	65	4	.34	70	64	67	.02	21	0
03/29	80	6	48	-2	64	2	.00	76	60	68	.34	0	0
03/30	65	-9	40	-10	53	-9	.00	72	55	64	.20	0	0
03/31	66	-8	40	-10	53	-9	.00	76	54	65	.18	0	0

AIR TEMPERATURES:

Mean Maximum= 70.3 Mean Minimum= 44.7 Average= 57.5
 DFN= +.6 DFN= -1.3 DFN= -.3
 Highest= 83 Lowest= 28

PRECIPITATION STATISTICS:

Total= 3.58 DFN= -1.86 Greatest Daily= 1.84 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= .15 Hours of Wet Vegetation= 3.5 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wettings is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE Weather Service Center, Auburn University, AL

Daily Weather Observations for: HEADLAND
 ALABAMA

1984

DATE	AIR TEMPERATURE							4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN	PRECIP	MAX	MIN	MEAN			
04/ 1	70	-5	45	-6	58	-5	.00	80	54	67	.20	0	0
04/ 2	70	-5	43	-8	57	-6	.00	80	58	69	.21	0	0
04/ 3	76	1	52	1	64	1	1.34	79	58	69	.07	12	0
04/ 4	65	-11	60	9	63	-1	.50	68	64	66	.07	24	0
04/ 5	73	-3	47	-5	60	-4	.33	76	57	67	.22	4	0
04/ 6	61	-15	44	-8	53	-11	.00	65	55	60	.12	0	0
04/ 7	73	-4	46	-6	60	-5	.00	76	54	65	.23	0	0
04/ 8	76	-1	49	-4	63	-2	.00	79	57	68	.21	0	0
04/ 9	75	-2	57	4	66	1	1.23	72	66	69	.23	12	0
04/10	80	2	64	11	72	6	.00	78	50	64	.14	0	0
04/11	56	-22	48	-5	52	-14	.00	68	60	64	.09	0	0
04/12	60	-18	45	-9	53	-13	.00	66	58	62	.05	0	0
04/13	75	-3	52	-2	64	-2	.00	80	56	68	.15	0	0
04/14	82	3	51	-3	67	0	.00	86	55	71	.24	0	0
04/15	80	1	50	-4	65	-2	.77	82	50	66	.25	8	0
04/16	78	-1	44	-11	61	-6	.00	80	58	69	.21	0	0
04/17	73	-6	50	-5	62	-5	.00	67	46	57	.19	0	0
04/18	66	-14	46	-9	56	-12	.00	71	58	65	.13	0	0
04/19	75	-5	56	1	66	-2	.00	81	59	70	.25	0	0
04/20	75	-5	62	6	69	1	.52	79	66	72	.21	8	0
04/21	84	4	63	7	74	6	.00	84	70	77	.21	0	0
04/22	87	6	64	8	76	7	.00	89	70	80	.08	0	0
04/23	77	-4	58	1	68	-1	.54	78	69	74	.25	12	0
04/24	75	-6	47	-10	61	-8	.00	83	63	73	.27	0	0
04/25	78	-3	39	-18	59	-10	.00	86	62	74	.26	0	0
04/26	84	3	50	-7	67	-2	.00	91	66	79	.26	0	0
04/27	85	4	65	8	75	6	.15	89	68	79	.18	15	0
04/28	84	2	68	10	76	6	.00	83	74	79	.14	0	0
04/29	84	2	65	7	75	5	.77	87	74	81	.22	4	0
04/30	88	6	60	2	74	4	.00	88	71	80	.22	17	0

AIR TEMPERATURES:

Mean Maximum= 75.5 Mean Minimum= 53.0 Average= 64.3
 DFN= -3.3 DFN= -1.5 DFN= -2.4
 Highest= 88 Lowest= 39

PRECIPITATION STATISTICS:

Total= 6.20 DFN= +1.62 Greatest Daily= 1.34 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= .19 Hours of Wet Vegetation= 3.8 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service.
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: HEADLAND ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
05/ 1	84	2	63	5	74	4	.00	88	71	80	.17	0	0
05/ 2	83	1	61	2	72	1	.00	91	74	83	.28	0	0
05/ 3	83	0	65	6	74	3	.00	85	75	80	.20	3	0
05/ 4	80	-3	63	4	72	1	.74	77	71	74	9.99	999	0
05/ 5	82	-1	61	2	72	1	.00	79	71	75	.14	0	0
05/ 6	86	3	60	0	73	1	.00	90	72	81	.18	0	0
05/ 7	90	7	70	10	80	8	.00	95	79	87	.25	0	0
05/ 8	90	7	70	10	80	8	.00	96	77	87	.25	0	0
05/ 9	84	0	48	-12	66	-6	.00	91	68	80	.20	0	0
05/10	74	-10	44	-17	59	-14	.00	90	68	79	.26	0	0
05/11	78	-6	50	-11	64	-9	.00	94	68	81	.30	0	0
05/12	84	0	56	-5	70	-3	.00	98	70	84	.27	0	0
05/13	87	3	58	-3	73	0	.00	100	73	87	.24	0	0
05/14	89	5	64	3	77	4	.00	101	76	89	.31	0	0
05/15	90	5	60	-2	75	1	.76	101	75	88	.32	999	0
05/16	82	-3	54	-8	68	-6	.00	93	70	82	.37	0	0
05/17	80	-5	51	-11	66	-9	.00	96	70	83	.29	0	0
05/18	82	-3	55	-7	69	-5	.00	97	70	84	.20	0	0
05/19	85	0	58	-4	72	-2	.00	100	73	87	.25	0	0
05/20	87	2	58	-5	73	-1	.00	100	76	88	.31	0	0
05/21	88	2	64	1	76	1	.00	99	76	88	.26	0	0
05/22	85	-1	65	2	75	0	.02	91	77	84	.14	6	0
05/23	84	-2	67	4	76	1	.00	88	76	82	.11	0	0
05/24	84	-2	67	3	76	1	.00	88	76	82	.07	6	0
05/25	88	2	70	6	79	4	.04	95	76	86	.18	8	0
05/26	87	0	69	5	78	2	.55	94	79	87	.19	19	0
05/27	90	3	65	1	78	2	.12	99	78	89	.25	24	0
05/28	89	2	68	4	79	3	.01	97	75	86	.20	24	0
05/29	90	3	65	0	78	2	.81	100	78	89	.25	24	0
05/30	77	-10	42	-23	60	-16	.00	83	63	73	.24	16	0
05/31	70	-18	46	-19	58	-19	.00	84	62	73	.23	0	0

AIR TEMPERATURES:

Mean Maximum= 84.3 Mean Minimum= 59.9 Average= 72.1
 DFN= -0.5 DFN= -1.9 DFN= -1.2
 Highest= 90 Lowest= 42

PRECIPITATION STATISTICS:

Total= 3.05 DFN= -1.30 Greatest Daily= .81 Rain Days= 8

AVERAGE DAILY VALUES:

Pan Evaporation= .23 Hours of Wet Vegetation= 4.5 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
06/ 1	75	-13	50	-15	63	-14	.00	91	63	77	.24	0	0
06/ 2	86	-2	56	-9	71	-6	.00	100	69	85	.25	0	0
06/ 3	87	-1	58	-8	73	-4	.00	99	70	85	.29	0	0
06/ 4	91	3	64	-2	78	1	.00	102	76	89	.28	0	0
06/ 5	92	3	60	-6	76	-2	.00	105	78	92	.32	0	0
06/ 6	92	3	66	0	79	1	.00	104	80	92	.27	0	0
06/ 7	94	5	69	3	82	4	.00	102	81	92	.25	0	0
06/ 8	92	3	66	-1	79	1	.00	104	82	93	.23	0	0
06/ 9	91	2	66	-1	79	1	.00	102	82	92	9.99	0	0
06/10	90	1	66	-1	78	0	.00	101	81	91	9.99	0	0
06/11	93	3	68	1	81	2	.00	102	82	92	9.99	0	0
06/12	94	4	68	1	81	2	.00	104	83	94	.32	0	0
06/13	94	4	63	-4	79	0	1.48	106	76	91	.20	15	0
06/14	90	0	66	-2	78	-1	.16	95	76	86	.25	14	0
06/15	89	-1	70	2	80	1	.00	94	78	86	.22	6	0
06/16	90	0	68	0	79	0	.20	100	79	90	.03	999	0
06/17	91	1	69	1	80	1	.00	98	78	88	.47	0	0
06/18	91	1	69	1	80	1	.00	105	81	93	.25	0	0
06/19	91	1	71	3	81	2	.00	105	81	93	.26	0	0
06/20	94	3	73	5	84	4	.00	102	83	93	.20	0	0
06/21	96	5	73	4	85	5	.00	104	84	94	.22	4	0
06/22	91	0	71	2	81	1	.22	107	83	95	.30	15	0
06/23	87	-4	69	0	78	-2	.11	96	82	89	.11	999	0
06/24	91	0	72	3	82	2	.00	100	83	92	.30	999	0
06/25	91	0	75	6	83	3	.01	.99	84	92	.21	999	0
06/26	92	1	63	-6	78	-2	.00	106	81	94	.35	999	0
06/27	92	1	68	-1	80	0	.00	109	80	95	.32	999	0
06/28	94	3	71	2	83	3	.00	105	84	95	.26	999	0
06/29	94	3	65	-4	80	0	4.30	108	81	95	9.99	999	0
06/30	91	0	70	1	81	1	.07	92	80	86	.15	999	0

AIR TEMPERATURES:

Mean Maximum= 90.9 Mean Minimum= 66.8 Average= 78.8
 DFN= +1.0 DFN= -.8 DFN= +.1
 Highest= 96 Lowest= 50

PRECIPITATION STATISTICS:

Total= 6.55 DFN= +1.93 Greatest Daily= 4.30 Rain Days= 8

AVERAGE DAILY VALUES:

Pan. Evaporation= .25 Hours of Wet Vegetation= 2.6 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE							PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN	DFN		MAX	MIN	MEAN			
07/ 1	87	-4	69	-1	78	-3	.08	95	80	83	.20	999	0	
07/ 2	84	-7	67	-3	76	-5	.11	90	80	85	.13	999	0	
07/ 3	85	-6	66	-4	76	-5	.43	92	78	85	.17	999	0	
07/ 4	90	-1	69	-1	80	-1	.02	98	81	90	.21	999	0	
07/ 5	90	-1	70	0	80	-1	.00	100	80	90	.12	999	0	
07/ 6	92	1	68	-2	80	-1	.00	105	82	94	.30	999	0	
07/ 7	94	3	67	-3	81	0	.00	105	81	93	.27	999	0	
07/ 8	95	4	69	-1	82	1	.00	106	80	93	.30	999	0	
07/ 9	93	2	72	2	83	2	.00	108	84	96	.20	999	0	
07/10	96	5	72	2	84	3	.00	98	87	93	.23	999	0	
07/11	95	4	71	1	83	2	.46	104	84	94	.31	999	0	
07/12	91	0	70	0	81	0	.00	96	81	89	.14	999	0	
07/13	91	0	68	-2	80	-1	.36	95	81	88	.03	999	0	
07/14	92	2	69	-1	81	1	.00	100	81	91	.26	999	0	
07/15	93	3	71	1	82	2	.03	104	81	93	.14	999	0	
07/16	92	2	70	0	81	1	.00	106	84	95	.25	999	0	
07/17	90	-1	70	0	80	-1	.00	105	84	95	.23	999	0	
07/18	89	-2	72	2	81	0	.43	95	82	89	.16	999	0	
07/19	84	-7	70	0	77	-4	.36	90	81	86	.11	999	0	
07/20	88	-3	68	-2	78	-3	.01	95	80	88	.14	999	0	
07/21	88	-3	71	1	80	-1	.00	96	80	88	.22	999	0	
07/22	88	-3	68	-2	78	-3	.00	98	82	90	.18	999	0	
07/23	90	-1	68	-2	79	-2	.00	103	84	94	.18	999	0	
07/24	89	-2	69	-1	79	-2	88.88	98	83	91	.20	999	0	
07/25	90	-1	69	-1	80	-1	.06	101	82	92	.20	999	0	
07/26	92	1	70	0	81	0	.00	104	84	94	.25	999	0	
07/27	94	3	70	0	82	1	.00	107	84	96	.29	999	0	
07/28	92	1	71	1	82	1	.00	102	84	93	.20	999	0	
07/29	91	0	67	-3	79	-2	1.00	100	80	90	.13	999	0	
07/30	72	-19	65	-5	69	-12	.60	80	76	78	.06	999	0	
07/31	78	-13	67	-3	73	-8	.41	83	77	80	.07	999	0	

AIR TEMPERATURES:

Mean Maximum= 89.5 Mean Minimum= 69.1 Average= 79.3
 DFN= -1.4 DFN= -.9 DFN= -1.1
 Highest= 96 Lowest= 65

PRECIPITATION STATISTICS:

Total= 4.36 DFN= -1.59 Greatest Daily= 1.00 Rain Days= 14

AVERAGE DAILY VALUES:

Pan Evaporation= .19 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 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. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
08/ 1	82	-9	68	-2	73	-6	.18	87	73	81	.12	16	0
08/ 2	83	-8	70	0	77	-4	1.10	88	79	84	.14	24	0
08/ 3	85	-6	68	-2	77	-4	1.31	85	79	82	.21	24	0
08/ 4	90	-1	69	-1	80	-1	.00	95	80	88	.18	12	0
08/ 5	89	-2	70	0	80	-1	.00	91	79	85	.12	0	0
08/ 6	93	2	69	-1	81	0	.37	96	80	88	.16	15	0
08/ 7	92	1	69	-1	81	0	.00	97	80	89	.27	0	0
08/ 8	90	-1	68	-2	79	-2	.00	98	80	89	.28	0	0
08/ 9	87	-4	69	-1	78	-3	.00	95	81	88	.22	0	0
08/10	90	-1	67	-3	79	-2	.06	97	80	89	.22	0	0
08/11	89	-2	69	-1	79	-2	.00	96	80	88	.10	8	0
08/12	88	-3	68	-2	78	-3	.03	90	81	86	.27	8	0
08/13	89	-2	69	-1	79	-2	.00	90	80	85	.10	6	0
08/14	90	-1	68	-2	79	-2	.00	95	80	88	.14	5	0
08/15	92	1	68	-2	80	-1	.00	100	80	90	.23	0	0
08/16	94	3	71	1	83	2	.00	105	83	94	.27	0	0
08/17	94	4	72	2	83	3	.00	100	86	93	.27	0	0
08/18	92	2	72	2	82	2	.00	101	72	87	.22	0	0
08/19	93	3	70	0	82	2	.10	99	83	91	.18	3	0
08/20	91	1	70	1	81	1	.00	95	83	89	.18	0	0
08/21	88	-2	67	-2	78	-2	.13	90	80	85	.09	5	0
08/22	91	1	73	4	82	2	.00	96	81	89	.11	0	0
08/23	90	0	70	1	80	0	.00	98	79	89	.19	0	0
08/24	90	0	70	1	80	0	.01	100	82	91	.16	3	0
08/25	90	0	70	1	80	0	.00	101	81	91	.18	0	0
08/26	92	2	69	0	81	1	.00	102	85	94	.19	0	0
08/27	90	0	69	0	80	0	.65	101	80	91	.20	12	0
08/28	87	-3	65	-4	76	-4	.00	92	76	84	.20	0	0
08/29	90	0	68	-1	79	-1	.00	98	75	87	.20	0	0
08/30	90	0	67	-2	79	-1	.00	95	79	87	.13	0	0
08/31	92	2	68	-1	80	0	.00	100	79	90	.12	0	0

AIR TEMPERATURES:

Mean Maximum= 89.8 Mean Minimum= 69.0 Average= 79.4
 DFN= -.7 DFN= -.6 DFN= -.7
 Highest= 94 Lowest= 65

PRECIPITATION STATISTICS:

Total= 3.94 DFN= -1.02 Greatest Daily= 1.31 Rain Days= 10

AVERAGE DAILY VALUES:

Pan Evaporation= .18 Hours of Wet Vegetation= 4.5 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
09/ 1	93	3	69	0	81	1	.00	100	80	90	.23	0	0
09/ 2	94	5	70	1	82	3	.00	100	81	91	.21	12	0
09/ 3	95	6	61	-8	78	-1	.00	102	82	92	.25	15	0
09/ 4	92	3	68	-1	80	1	.31	97	79	88	.08	12	0
09/ 5	80	-9	63	-6	72	-7	.23	85	75	80	.07	13	0
09/ 6	82	-7	59	-10	71	-8	.00	90	72	81	.20	7	0
09/ 7	91	2	61	-7	76	-3	.00	85	57	71	.14	0	0
09/ 8	86	-3	60	-8	73	-6	.00	95	65	80	.22	0	0
09/ 9	86	-3	58	-10	72	-7	.00	96	74	85	.18	0	0
09/10	87	-1	59	-9	73	-5	.00	98	73	86	.21	0	0
09/11	88	0	66	-2	77	-1	.00	97	76	87	.22	0	0
09/12	91	3	66	-1	79	1	.00	96	77	87	.20	4	0
09/13	94	6	66	-1	80	2	.00	100	78	89	.16	0	0
09/14	94	6	69	2	82	4	.18	94	80	87	.12	999	0
09/15	94	7	71	4	83	6	.00	95	80	88	.13	0	0
09/16	94	7	61	-5	78	1	.00	96	76	86	.22	0	0
09/17	83	-4	63	-3	73	-4	.00	94	75	85	.17	0	0
09/18	76	-11	61	-5	69	-8	.00	86	75	81	.15	0	0
09/19	80	-7	63	-3	72	-5	.00	87	75	81	.13	0	0
09/20	86	0	54	-11	70	-6	.00	93	72	83	.16	0	0
09/21	87	1	52	-13	70	-6	.00	95	71	83	.18	0	0
09/22	89	3	53	-11	71	-4	.00	95	70	83	.15	0	0
09/23	90	4	55	-9	73	-2	.00	95	70	83	.22	0	0
09/24	91	6	60	-4	76	1	.00	99	75	87	.20	0	0
09/25	92	7	60	-3	76	2	.00	97	75	86	.19	0	0
09/26	91	6	60	-3	76	2	.00	97	74	86	.18	0	0
09/27	94	9	52	-10	73	-1	.00	96	74	85	.20	0	0
09/28	91	7	61	-1	76	3	.00	94	75	85	.14	0	0
09/29	88	4	60	-1	74	1	.00	92	74	83	.17	0	0
09/30	84	0	57	-4	71	-2	.00	92	73	83	.16	0	0

AIR TEMPERATURES:

Mean Maximum= 88.8 Mean Minimum= 61.3 Average= 75.0
 DFN= +1.7 DFN= -4.7 DFN= -1.5
 Highest= 95 Lowest= 52

PRECIPITATION STATISTICS:

Total= .72 DFN= -3.36 Greatest Daily= .31 Rain Days= 3

AVERAGE DAILY VALUES:

Pan Evaporation= .17 Hours of Wet Vegetation= 2.2 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
10/ 1	73	-10	46	-14	60	-12	.00	82	64	73	.14	0	0
10/ 2	72	-11	38	-22	55	-17	.00	85	62	74	.18	0	0
10/ 3	75	-8	43	-16	59	-12	.00	84	56	70	.13	0	0
10/ 4	80	-2	44	-15	62	-9	.00	85	62	74	.12	0	0
10/ 5	84	2	48	-11	66	-5	.00	84	61	73	.05	0	0
10/ 6	86	4	53	-5	70	0	.00	86	66	76	.20	0	0
10/ 7	85	3	53	-5	69	-1	.00	86	67	77	.17	0	0
10/ 8	87	6	60	3	74	5	.00	88	71	80	.13	0	0
10/ 9	87	6	62	5	75	6	.00	89	72	81	.19	0	0
10/10	88	7	58	2	73	4	.00	90	71	81	.14	0	0
10/11	89	9	57	1	73	5	.00	88	70	79	.16	0	0
10/12	85	5	56	1	71	3	.00	87	70	79	.14	0	0
10/13	86	6	57	2	72	4	.00	86	70	78	.14	0	0
10/14	87	8	55	0	71	4	.00	87	70	79	.21	0	0
10/15	90	11	62	8	76	9	.00	88	71	80	.11	0	0
10/16	80	1	66	12	73	6	.43	79	71	75	.04	21	0
10/17	89	11	69	16	79	13	.00	85	71	79	.10	19	0
10/18	92	14	67	14	80	14	.00	95	74	80	.12	12	0
10/19	88	10	64	13	77	11	.00	86	75	81	.13	8	0
10/20	88	11	63	11	76	11	.01	85	74	80	.13	999	0
10/21	85	8	65	13	75	10	.07	84	73	79	.07	999	0
10/22	87	10	67	16	77	13	.02	84	75	80	.12	999	0
10/23	88	12	67	16	78	14	.14	84	75	80	.04	999	0
10/24	85	9	64	13	75	11	.00	82	72	77	.08	0	0
10/25	86	10	58	8	72	9	.00	82	69	76	.11	0	0
10/26	85	10	60	10	73	10	.00	81	69	75	.13	0	0
10/27	84	9	60	10	72	9	.00	82	70	76	.10	0	0
10/28	86	11	61	12	74	12	.00	82	69	76	.10	0	0
10/29	87	13	69	20	78	16	.30	84	76	80	.06	16	0
10/30	78	4	65	16	72	10	.05	80	72	76	.03	14	0
10/31	86	12	61	12	74	12	.00	81	70	76	.12	0	0

AIR TEMPERATURES:

Mean Maximum= 84.8 Mean Minimum= 58.7 Average= 71.7
 DFN= +6.2 DFN= +4.7 DFN= +5.4
 Highest= 92 Lowest= 38

PRECIPITATION STATISTICS:

Total= 1.02 DFN= -1.31 Greatest Daily= .43 Rain Days= 7

AVERAGE DAILY VALUES:

Pan Evaporation= .12 Hours of Wet Vegetation= 3.3 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
11/ 1	85	12	63	15	74	13	.00	80	71	76	.10	0	0
11/ 2	85	12	63	15	74	13	.00	80	72	76	.10	0	0
11/ 3	84	11	62	14	73	12	.00	81	69	75	.10	8	0
11/ 4	83	11	60	13	72	12	.00	80	68	74	.10	12	0
11/ 5	81	9	56	9	69	9	.13	81	67	74	.12	20	0
11/ 6	72	0	43	-4	58	-2	.00	71	57	64	.09	0	0
11/ 7	66	-5	36	-11	51	-8	.00	67	52	60	.06	0	0
11/ 8	65	-6	35	-11	50	-9	.00	63	51	57	.08	0	0
11/ 9	66	-5	37	-9	52	-7	.00	63	50	57	.04	0	0
11/10	72	2	45	-1	59	1	.00	65	51	58	.14	0	0
11/11	78	8	41	-4	60	2	.64	71	50	61	.09	15	0
11/12	56	-14	41	-4	49	-9	.00	58	50	54	9.99	999	0
11/13	56	-13	31	-14	44	-13	.00	58	45	52	9.99	0	0
11/14	63	-6	34	-11	49	-8	.00	54	44	49	.09	0	0
11/15	68	-1	38	-6	53	-4	.00	56	45	51	.05	0	0
11/16	74	6	44	0	59	3	.02	61	47	54	.09	2	0
11/17	75	7	40	-4	58	2	.00	66	49	58	.12	5	0
11/18	75	7	59	15	67	11	.00	67	50	59	.15	0	0
11/19	78	10	60	17	69	13	.37	70	52	61	.14	13	0
11/20	68	1	45	2	57	2	.00	69	56	63	9.99	6	0
11/21	55	-12	42	-1	49	-6	.00	61	55	58	9.99	999	0
11/22	45	-22	32	-11	39	-16	.00	55	45	50	.16	999	0
11/23	55	-12	33	-10	44	-11	.00	50	44	47	.08	999	0
11/24	65	-1	33	-9	49	-5	.00	55	43	49	.07	999	0
11/25	68	2	37	-5	53	-1	.00	54	43	49	.17	999	0
11/26	68	2	47	5	58	4	.00	56	41	49	9.99	999	0
11/27	73	7	51	9	62	8	.00	64	51	58	9.99	0	0
11/28	77	12	41	0	59	6	1.20	69	56	63	.11	13	0
11/29	54	-11	31	-10	43	-10	.00	58	45	52	9.99	0	0
11/30	59	-6	34	-7	47	-6	.00	53	44	49	.03	0	0

AIR TEMPERATURES:

Mean Maximum= 69.0 Mean Minimum= 43.8 Average= 56.4
 DFN= +.2 DFN= -.6 DFN= -.2
 Highest= 85 Lowest= 31

PRECIPITATION STATISTICS:

Total= 2.36 DFN= -.87 Greatest Daily= 1.20 Rain Days= 5

AVERAGE DAILY VALUES:

Pan Evaporation= .10 Hours of Wet Vegetation= 4.1 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE Ae Weather Service Center, Auburn University, AL

Daily Weather Observations for: HEADLAND
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
12/ 1	69	4	40	-1	55	2	.00	60	45	53	.03	3	0
12/ 2	67	3	55	14	61	8	.00	61	59	60	.05	0	0
12/ 3	78	14	57	17	68	16	.04	63	58	61	.06	16	0
12/ 4	67	3	39	-1	53	1	.00	56	51	54	.16	0	0
12/ 5	51	-13	39	-1	45	-7	1.30	51	49	50	.05	21	0
12/ 6	54	-9	42	2	48	-4	.13	57	50	54	.03	22	0
12/ 7	45	-18	22	-18	34	-18	.00	55	40	48	9.99	0	0
12/ 8	48	-15	24	-16	36	-16	.00	49	41	45	9.99	0	0
12/ 9	61	-2	35	-4	48	-3	.00	53	45	49	.04	0	0
12/10	67	4	45	6	56	5	.00	58	45	52	.05	0	0
12/11	72	10	45	6	59	8	.00	63	51	57	.02	7	0
12/12	70	8	41	2	56	5	.00	63	52	58	.06	0	0
12/13	69	7	44	5	57	6	.00	63	51	57	.01	5	0
12/14	75	13	49	10	62	11	.00	68	55	62	.09	0	0
12/15	77	15	36	-3	57	6	.00	67	56	62	.10	0	0
12/16	71	10	59	21	65	15	.00	66	61	64	.06	0	0
12/17	76	15	56	18	66	16	.00	65	60	63	.03	0	0
12/18	76	15	52	14	64	14	.00	72	60	66	.04	0	0
12/19	77	16	50	12	64	14	.00	70	56	63	.07	0	0
12/20	78	17	54	16	66	16	.00	70	58	64	.06	0	0
12/21	73	12	57	19	65	15	.00	70	59	65	.06	8	0
12/22	73	13	58	20	66	17	.07	71	64	68	.06	4	0
12/23	73	13	45	7	59	10	.06	71	58	65	.06	0	0
12/24	70	10	47	9	59	10	.00	67	58	63	.05	0	0
12/25	73	13	52	14	63	14	.00	68	58	63	.04	4	0
12/26	71	11	46	9	59	10	.00	67	57	62	.04	0	0
12/27	75	15	49	12	62	13	.00	67	55	61	.07	0	0
12/28	77	17	49	12	63	14	.00	67	59	63	.04	0	0
12/29	78	18	54	17	66	17	.00	70	59	65	.07	0	0
12/30	80	21	54	17	67	19	.00	73	63	68	.09	0	0
12/31	79	20	52	15	66	18	.00	70	60	65	.08	0	0

AIR TEMPERATURES:

Mean Maximum= 70.0 Mean Minimum= 46.7 Average= 58.3
 DFN= +8.4 DFN= +8.1 DFN= +8.2
 Highest= 80 Lowest= 22

PRECIPITATION STATISTICS:

Total= 1.60 DFN= -3.28 Greatest Daily= 1.30 Rain Days= 5

AVERAGE DAILY VALUES:

Pan Evaporation= .06 Hours of Wet Vegetation= 2.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: FAIRHOPE
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
01/ 1	45	-17	22	-20	34	-18	.00	35	35	35	9.99	999	0
01/ 2	52	-10	27	-15	40	-12	.00	41	35	38	9.99	999	0
01/ 3	58	-4	35	-7	47	-5	.00	47	37	42	9.99	999	0
01/ 4	55	-7	30	-12	43	-9	.00	49	40	45	9.99	999	0
01/ 5	59	-3	37	-5	48	-4	.00	49	40	45	.10	999	0
01/ 6	64	2	42	0	53	1	.00	53	45	49	.09	999	0
01/ 7	62	0	40	-2	51	-1	.00	54	45	50	.12	999	0
01/ 8	58	-4	40	-2	49	-3	.00	51	45	48	.08	999	0
01/ 9	66	4	41	0	54	2	.00	54	45	50	.11	999	0
01/10	64	2	38	-3	51	-1	1.22	56	48	52	.11	999	0
01/11	58	-3	28	-13	43	-8	.00	56	43	50	9.99	999	0
01/12	45	-16	28	-13	37	-14	.00	47	41	44	9.99	999	0
01/13	54	-7	40	-1	47	-4	.00	52	42	47	9.99	999	0
01/14	59	-2	42	1	51	0	.00	54	45	50	.08	999	0
01/15	61	0	41	0	51	0	88.88	55	49	52	.12	999	0
01/16	47	-14	41	0	44	-7	.40	50	49	50	9.99	999	0
01/17	55	-7	43	2	49	-3	.04	54	49	52	.09	999	0
01/18	65	3	42	1	54	2	.14	52	49	51	9.99	999	0
01/19	65	3	28	-13	47	-5	.46	54	44	49	9.99	999	0
01/20	41	-21	26	-15	34	-18	.00	45	39	42	9.99	999	0
01/21	40	-22	25	-16	33	-19	.00	42	38	40	9.99	999	0
01/22	45	-17	22	-19	34	-18	.00	42	37	40	9.99	999	0
01/23	52	-10	25	-16	39	-13	.00	43	36	40	9.99	999	0
01/24	56	-6	44	3	50	-2	1.72	49	40	45	.03	999	0
01/25	62	0	53	11	58	6	1.35	54	49	52	.03	999	0
01/26	57	-5	44	2	51	-1	.08	55	51	53	.04	999	0
01/27	55	-7	46	4	51	-1	.33	53	50	52	.02	999	0
01/28	62	0	39	-3	51	-1	.00	60	48	54	.08	999	0
01/29	64	2	40	-2	52	0	.00	57	46	52	.09	999	0
01/30	66	4	40	-2	53	1	.00	58	46	52	.09	999	0
01/31	64	2	31	-11	48	-4	.00	56	43	50	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 56.6 Mean Minimum= 36.1 Average= 46.4
 DFN= -5.2 DFN= -5.4 DFN= -5.3
 Highest= 66 Lowest= 22

PRECIPITATION STATISTICS:

Total= 5.74 DFN= +1.10 Greatest Daily= 1.72 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= .08 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: FAIRHOPE ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
02/ 1	53	-10	30	-12	42	-11	.00	52	42	47	9.99	999	0
02/ 2	54	-9	31	-11	43	-10	.00	52	41	47	9.99	999	0
02/ 3	65	2	37	-5	51	-2	.10	55	41	48	.10	999	0
02/ 4	65	2	39	-3	52	-1	.90	57	49	53	.03	999	0
02/ 5	62	-1	36	-6	49	-4	.00	60	45	53	.13	999	0
02/ 6	58	-5	24	-18	41	-12	.00	55	40	48	9.99	999	0
02/ 7	45	-18	25	-17	35	-18	.00	49	40	45	9.99	999	0
02/ 8	53	-10	29	-13	41	-12	.00	50	39	45	9.99	999	0
02/ 9	58	-6	32	-10	45	-8	.00	52	39	46	9.99	999	0
02/10	67	3	36	-7	52	-2	.00	56	41	49	.05	999	0
02/11	73	9	55	12	64	10	.00	64	51	58	.11	999	0
02/12	76	12	56	13	66	12	.00	68	59	64	.12	999	0
02/13	74	10	56	13	65	11	.70	71	58	65	.07	999	0
02/14	69	5	45	2	57	3	.00	66	48	57	.09	999	0
02/15	68	3	43	0	56	2	.00	65	51	58	.13	999	0
02/16	72	7	46	3	59	5	1.03	64	51	58	.11	999	0
02/17	67	2	51	7	59	4	.11	63	56	60	.07	999	0
02/18	69	4	52	8	61	6	.00	69	57	63	.13	999	0
02/19	71	6	57	13	64	9	.00	66	59	63	.07	999	0
02/20	76	11	52	8	64	9	.00	69	59	64	.15	999	0
02/21	58	-8	47	3	53	-2	.33	59	55	57	.11	999	0
02/22	57	-9	45	1	51	-4	.35	59	54	57	.10	999	0
02/23	65	-1	40	-5	53	-3	.02	64	52	58	.12	999	0
02/24	67	1	44	-1	56	0	.00	65	52	59	.11	999	0
02/25	69	3	41	-4	55	-1	.00	64	50	57	.13	999	0
02/26	64	-3	41	-4	53	-3	.00	64	50	57	.15	999	0
02/27	67	0	47	1	57	0	2.41	65	50	58	9.99	999	0
02/28	64	-3	36	-10	50	-7	88.88	64	47	56	9.99	999	0
02/29	45	-22	33	-13	39	-18	.00	50	42	46	9.99	999	0

AIR TEMPERATURES:

Mean Maximum= 63.8 Mean Minimum= 41.6 Average= 52.7
 DFN= -.9 DFN= -1.9 DFN= -1.4
 Highest= 76 Lowest= 24

PRECIPITATION STATISTICS:

Total= 5.95 DFN= +1.02 Greatest Daily= 2.41 Rain Days= 9

AVERAGE DAILY VALUES:

Pan Evaporation= .10 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation, DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: FAIRHOPE
 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
03/ 1	51	-16	30	-16	41	-16	.00	56	41	49	9.99	999	0
03/ 2	52	-16	31	-15	42	-15	.00	56	41	49	9.99	999	0
03/ 3	63	-5	37	-9	50	-7	.00	66	43	55	.12	999	0
03/ 4	70	2	37	-10	54	-4	.00	66	44	55	.06	999	0
03/ 5	70	2	50	3	60	2	.00	67	53	60	.13	999	0
03/ 6	69	0	46	-1	58	0	3.19	62	48	55	9.99	999	0
03/ 7	50	-19	34	-13	42	-16	88.88	59	46	53	.10	999	0
03/ 8	56	-13	35	-13	46	-13	.00	58	46	52	.12	999	0
03/ 9	64	-5	41	-7	53	-6	.00	61	45	53	.15	999	0
03/10	60	-10	36	-12	48	-11	.00	62	46	54	.20	999	0
03/11	63	-7	37	-11	50	-9	.00	65	46	56	.12	999	0
03/12	70	0	44	-5	57	-3	.00	69	48	59	.14	999	0
03/13	68	-2	49	0	59	-1	.35	62	52	57	.07	999	0
03/14	70	-1	60	11	65	5	.00	72	59	66	9.99	999	0
03/15	79	8	54	5	67	7	.00	76	59	68	.18	999	0
03/16	76	5	57	7	67	6	.00	71	61	66	.13	999	0
03/17	76	5	58	8	67	6	.00	77	63	70	.15	999	0
03/18	77	6	55	5	66	5	.00	73	64	69	.14	999	0
03/19	77	5	59	9	68	7	.00	78	65	72	.15	999	0
03/20	78	6	55	4	67	5	1.95	78	65	72	.26	999	0
03/21	57	-15	42	-9	50	-12	.00	65	54	60	.13	999	0
03/22	70	-2	53	2	62	0	.00	69	54	62	.19	999	0
03/23	72	-1	55	4	64	2	.00	72	57	65	.17	999	0
03/24	79	6	55	3	67	4	.00	77	60	69	.21	999	0
03/25	72	-1	53	1	63	0	.02	68	61	65	.07	999	0
03/26	71	-2	48	-4	60	-3	.00	78	61	70	.15	999	0
03/27	71	-3	52	0	62	-1	.13	70	61	66	.23	999	0
03/28	80	6	62	9	71	7	.04	76	64	70	.05	999	0
03/29	76	2	49	-4	63	-1	.00	78	62	70	.27	999	0
03/30	66	-8	44	-9	55	-9	.00	75	58	67	9.99	999	0
03/31	68	-7	45	-8	57	-7	.00	76	59	68	.16	999	0

AIR TEMPERATURES:

Mean Maximum= 68.4 Mean Minimum= 47.2 Average= 57.8
 DFN= -2.6 DFN= -2.4 DFN= -2.5
 Highest= 80 Lowest= 30

PRECIPITATION STATISTICS:

Total= 5.58 DFN= -.36 Greatest Daily= 3.19 Rain Days= 6

AVERAGE DAILY VALUES:

Pan Evaporation= .15 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: FAIRHOPE 1984
 ALABAMA

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			VEG SOLAR		
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN	EVAP	WET	ENERGY
04/ 1	73	-2	50	-4	62	-3	.00	80	60	70	.21	999	0
04/ 2	70	-5	50	-4	60	-5	.00	80	62	71	.18	999	0
04/ 3	74	-1	54	0	64	-1	2.63	75	62	69	9.99	999	0
04/ 4	77	1	60	6	69	4	.05	78	66	72	.11	999	0
04/ 5	72	-4	50	-5	61	-5	.00	75	59	67	.31	999	0
04/ 6	66	-10	44	-11	55	-11	.00	71	57	64	.19	999	0
04/ 7	69	-7	51	-4	60	-6	.00	77	57	67	.21	999	0
04/ 8	76	-1	56	1	66	0	.00	81	64	73	.19	999	0
04/ 9	68	-9	61	6	65	-1	.43	67	64	66	.01	999	0
04/10	75	-2	53	-3	64	-3	.00	80	62	71	.20	999	0
04/11	77	0	55	-1	66	-1	.00	78	63	71	.23	999	0
04/12	66	-11	55	-1	61	-6	.00	69	63	66	.09	999	0
04/13	72	-6	53	-3	63	-4	.00	78	63	71	.16	999	0
04/14	79	1	59	2	69	1	.00	84	63	74	.19	999	0
04/15	81	3	49	-8	65	-3	.00	87	66	77	.29	999	0
04/16	70	-8	50	-7	60	-8	.00	82	63	73	.24	999	0
04/17	68	-11	52	-5	60	-8	.00	78	61	70	.17	999	0
04/18	72	-7	48	-10	60	-9	.00	81	61	71	.23	999	0
04/19	74	-5	55	-3	65	-4	.00	81	68	75	.13	999	0
04/20	78	-1	65	7	72	3	.00	81	68	75	.13	999	0
04/21	81	2	68	10	75	6	.00	85	69	77	.17	999	0
04/22	83	3	71	12	77	7	.00	86	72	79	.21	999	0
04/23	77	-3	60	1	69	-1	38.88	81	70	76	.13	999	0
04/24	76	-4	49	-10	63	-7	.00	88	67	78	.31	999	0
04/25	80	0	55	-4	68	-2	.00	89	62	76	.18	999	0
04/26	80	-1	58	-1	69	-1	.00	80	62	71	.25	999	0
04/27	81	0	62	2	72	1	.08	81	67	74	.13	999	0
04/28	84	3	72	12	78	7	.00	84	73	79	.16	999	0
04/29	84	3	68	8	76	5	.00	87	75	81	.16	999	0
04/30	80	-1	70	10	75	4	.00	84	75	80	.15	999	0

AIR TEMPERATURES:

Mean Maximum= 75.4 Mean Minimum= 56.8 Average= 66.1
 DFN= -2.8 DFN= -.2 DFN= -1.5
 Highest= 84 Lowest= 44

PRECIPITATION STATISTICS:

Total= 3.19 DFN= -1.72 Greatest Daily= 2.63 Rain Days= 4

AVERAGE DAILY VALUES:

Pan Evaporation= .18 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 38.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for FAIRHOPE ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
05/ 1	81	-1	65	4	73	1	.00	86	75	81	.16	999	0
05/ 2	82	0	66	5	74	2	.00	86	75	81	.11	999	0
05/ 3	79	-3	72	11	76	4	.00	81	75	78	.11	999	0
05/ 4	79	-3	61	0	70	-2	88.88	80	72	76	.14	999	0
05/ 5	85	3	62	1	74	2	.00	94	72	83	.22	999	0
05/ 6	85	2	75	13	80	7	.00	87	75	81	.16	999	0
05/ 7	86	3	75	13	81	8	.00	89	79	84	.21	999	0
05/ 8	88	5	65	3	77	4	.37	94	79	88	.33	999	0
05/ 9	77	-6	51	-11	64	-9	.15	81	66	74	.23	999	0
05/10	78	-5	53	-9	66	-7	.00	81	65	73	.26	999	0
05/11	80	-4	55	-8	68	-6	.00	89	65	77	.26	999	0
05/12	82	-2	57	-6	70	-4	.00	92	69	81	.15	999	0
05/13	82	-2	59	-4	71	-3	.00	93	72	83	.26	999	0
05/14	87	3	60	-3	74	0	.00	95	75	85	.34	999	0
05/15	90	6	64	0	77	3	.00	97	77	87	.28	999	0
05/16	90	5	58	-6	74	-1	.00	98	77	88	.36	999	0
05/17	86	1	59	-5	73	-2	.00	95	76	86	.33	999	0
05/18	83	-2	57	-7	70	-5	.00	91	75	83	.19	999	0
05/19	84	-1	57	-7	71	-4	.00	95	75	85	.29	999	0
05/20	82	-3	64	-1	73	-2	.01	95	75	85	.26	999	0
05/21	80	-6	69	4	75	-1	.20	85	77	81	.16	999	0
05/22	85	-1	66	1	76	0	.12	88	77	83	.22	999	0
05/23	73	-13	65	0	69	-7	.27	77	72	75	.05	999	0
05/24	87	1	67	1	77	1	.00	86	72	79	.17	999	0
05/25	87	1	69	3	78	2	.05	90	74	82	.24	999	0
05/26	84	-1	69	3	78	1	.00	95	78	87	.24	999	0
05/27	88	1	69	3	79	2	.00	97	78	88	.25	999	0
05/28	84	-1	68	2	77	0	1.32	88	77	83	.28	999	0
05/29	86	-1	69	2	78	1	.00	88	77	83	.23	999	0
05/30	79	-8	50	-17	65	-12	.00	85	67	76	.34	999	0
05/31	72	-16	50	-17	61	-17	.00	82	66	74	.26	999	0

AIR TEMPERATURES:

Mean Maximum= 83.1 Mean Minimum= 62.8 Average= 72.9
 DFN= -1.5 DFN= -1.0 DFN= -1.3
 Highest= 90 Lowest= 50

PRECIPITATION STATISTICS:

Total= 2.49 DFN= -2.50 Greatest Daily= 1.32 Rain Days= 8

AVERAGE DAILY VALUES:

Pan Evaporation= .23 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wettings is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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Daily Weather Observations for: FAIRHOPE 1984
 ALABAMA

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
06/ 1	79	-10	52	-15	65	-13	.00	89	66	78	.31	999	0
06/ 2	80	-8	54	-14	67	-11	.00	91	70	81	.24	999	0
06/ 3	83	-5	75	7	79	1	.00	94	75	85	.31	999	0
06/ 4	85	-3	57	-11	71	-7	.00	95	75	85	.25	999	0
06/ 5	86	-3	59	-9	73	-6	.00	95	75	85	.26	999	0
06/ 6	85	-4	66	-2	76	-3	.00	98	75	87	.29	999	0
06/ 7	87	-2	69	0	78	-1	.00	93	79	86	.18	999	0
06/ 8	88	-1	67	-2	78	-1	.00	94	79	87	.24	999	0
06/ 9	89	0	66	-3	78	-1	.00	96	80	88	.24	999	0
06/10	91	2	66	-3	79	0	.00	98	81	90	.28	999	0
06/11	90	1	69	0	81	1	.00	99	81	90	.28	999	0
06/12	90	0	68	-1	79	-1	.00	98	82	90	.24	999	0
06/13	88	-2	70	0	79	-1	88.88	97	81	89	.17	999	0
06/14	90	0	72	2	81	1	.07	97	80	89	.25	999	0
06/15	94	4	70	0	82	2	.56	99	80	90	.27	999	0
06/16	86	-4	70	0	78	-2	.00	89	77	83	.20	999	0
06/17	88	-2	70	0	79	-1	.02	94	80	87	.22	999	0
06/18	85	-5	70	0	78	-2	.00	90	79	85	.15	999	0
06/19	87	-3	70	0	79	-1	.14	88	78	83	.14	999	0
06/20	91	1	72	1	82	1	.00	98	78	88	.30	999	0
06/21	95	5	75	4	85	4	.00	100	83	92	.24	999	0
06/22	92	2	75	4	84	3	.00	95	83	89	.21	999	0
06/23	95	5	72	1	84	3	.00	102	84	93	.32	999	0
06/24	95	5	72	1	84	3	.15	104	85	95	.25	999	0
06/25	94	4	72	1	83	2	.02	101	84	93	.26	999	0
06/26	94	4	69	-2	82	1	.00	103	83	93	.38	999	0
06/27	93	3	69	-2	81	0	.00	103	83	93	.32	999	0
06/28	90	-1	70	-1	80	-1	88.88	96	83	90	.18	999	0
06/29	88	-3	75	3	82	0	.28	95	81	88	.16	999	0
06/30	83	-8	71	-1	77	-5	1.56	85	77	81	9.99	999	0

AIR TEMPERATURES:
 Mean Maximum= 88.7 Mean Minimum= 68.4 Average= 78.5
 DFN= -0.9 DFN= -1.4 DFN= -1.2
 Highest= 95 Lowest= 52

PRECIPITATION STATISTICS:
 Total= 2.80 DFN= -3.13 Greatest Daily= 1.56 Rain Days= 8

AVERAGE DAILY VALUES:
 Pan Evaporation= .25 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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Daily Weather Observations for: FAIRHOPE ALABAMA 1984

DATE	AIR TEMPERATURE					PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY	
	MAX	DFN	MIN	DFN	AVG		DFN	MAX	MIN				MEAN
07/ 1	86	-5	68	-4	77	-5	.04	87	76	82	.17	999	0
07/ 2	85	-6	70	-2	78	-4	.00	87	78	83	.19	999	0
07/ 3	89	-1	73	1	81	0	.00	96	78	87	.29	999	0
07/ 4	89	-1	73	1	81	0	.00	97	80	89	.25	999	0
07/ 5	89	-1	72	0	81	0	.00	98	83	91	.25	999	0
07/ 6	90	0	71	-1	81	0	1.19	96	81	89	.24	999	0
07/ 7	90	0	73	1	82	1	.00	93	81	87	.23	999	0
07/ 8	91	1	71	-1	81	0	.00	94	80	87	.24	999	0
07/ 9	90	0	73	1	82	1	.00	97	80	89	.25	999	0
07/10	92	2	73	1	83	2	.00	101	81	91	.26	999	0
07/11	92	2	74	2	83	2	.00	104	84	94	.30	999	0
07/12	93	3	77	5	85	4	.00	105	86	96	.35	999	0
07/13	82	-8	71	-1	77	-4	.16	88	80	84	.05	999	0
07/14	90	0	72	0	81	0	.00	99	80	90	.28	999	0
07/15	92	2	74	2	83	2	.00	102	85	94	.23	999	0
07/16	91	1	73	1	82	1	.81	100	83	92	.23	999	0
07/17	87	-3	72	0	80	-1	.00	91	80	86	.26	999	0
07/18	88	-3	74	2	81	-1	.15	91	81	86	.10	999	0
07/19	90	-1	70	-3	80	-2	.44	91	78	85	.20	999	0
07/20	89	-2	70	-3	80	-2	.00	90	78	84	.27	999	0
07/21	91	0	72	-1	82	0	.00	90	79	85	.19	999	0
07/22	92	1	72	-1	82	0	.00	94	79	87	.25	999	0
07/23	93	2	69	-4	81	-1	.02	98	82	90	.26	999	0
07/24	90	-1	70	-3	80	-2	.00	99	82	91	.12	999	0
07/25	83	-8	70	-3	77	-5	.51	86	77	82	.18	999	0
07/26	89	-2	70	-3	80	-2	.00	91	77	84	.20	999	0
07/27	89	-2	70	-3	80	-2	.00	95	76	86	.25	999	0
07/28	90	-1	70	-2	80	-2	.06	97	80	89	.22	999	0
07/29	88	-3	70	-2	79	-3	.50	94	80	87	.19	999	0
07/30	91	-10	69	-3	75	-7	.02	85	78	82	.10	999	0
07/31	80	-11	67	-5	74	-8	.00	82	75	79	.08	999	0

AIR TEMPERATURES:

Mean Maximum= 88.7 Mean Minimum= 71.4 Average= 80.1
 DFN= -1.3 DFN= -.9 DFN= -1.3
 Highest= 93 Lowest= 67

PRECIPITATION STATISTICS:

Total= 3.90 DFN= -3.91 Greatest Daily= 1.19 Rain Days= 11

AVERAGE DAILY VALUES:

Pan Evaporation= .22 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 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. A '0' indicates no solar data available.

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 ALABAMA

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
08/ 1	84	-7	67	-5	76	-6	.79	85	76	81	.14	999	0
08/ 2	72	-19	70	-2	71	-11	5.74	79	73	77	9.99	999	0
08/ 3	73	-18	68	-4	71	-11	1.73	75	73	74	9.99	999	0
08/ 4	87	-4	70	-2	79	-3	.00	88	73	81	.27	999	0
08/ 5	87	-4	70	-2	79	-3	1.01	86	76	81	.16	999	0
08/ 6	88	-3	72	0	80	-2	.00	90	76	83	.23	999	0
08/ 7	90	-1	70	-2	80	-2	.00	92	78	85	.27	999	0
08/ 8	90	-1	69	-3	80	-2	.08	93	78	86	.19	999	0
08/ 9	89	-2	70	-2	80	-2	.00	94	78	86	.21	999	0
08/10	90	-1	73	1	82	0	.00	100	80	90	.27	999	0
08/11	91	0	76	4	84	2	.00	99	83	91	.20	999	0
08/12	90	-1	70	-2	80	-2	.92	97	80	89	.22	999	0
08/13	87	-4	72	0	80	-2	88.88	90	80	85	.17	999	0
08/14	87	-3	71	-1	79	-2	.03	88	78	83	.13	999	0
08/15	81	-9	69	-3	75	-6	1.13	82	76	79	.07	999	0
08/16	87	-3	70	-2	79	-2	.00	91	76	84	.20	999	0
08/17	90	0	72	0	81	0	.00	93	78	86	.23	999	0
08/18	90	0	74	2	82	1	.00	96	80	88	.19	999	0
08/19	91	1	72	0	82	1	.00	100	81	91	.24	999	0
08/20	92	2	73	1	83	2	.00	99	82	91	.22	999	0
08/21	92	2	72	0	82	1	.01	94	82	88	.16	999	0
08/22	91	1	72	0	82	1	.66	95	80	88	.18	999	0
08/23	89	-1	72	0	81	0	.00	92	79	86	.22	999	0
08/24	87	-3	71	-1	79	-2	1.22	89	79	84	9.99	999	0
08/25	88	-2	67	-5	78	-3	.00	87	77	82	.18	999	0
08/26	90	0	69	-2	80	-1	.00	89	77	83	.20	999	0
08/27	86	-4	71	0	79	-2	.91	89	79	84	9.99	999	0
08/28	87	-3	72	1	80	-1	.00	90	78	84	.16	999	0
08/29	88	-2	71	0	80	-1	.00	90	78	84	.22	999	0
08/30	88	-2	68	-3	78	-3	.00	88	78	83	.15	999	0
08/31	90	1	69	-2	80	0	.00	96	76	86	.22	999	0

AIR TEMPERATURES:

Mean Maximum= 87.5 Mean Minimum= 70.7 Average= 79.1
 DFN= -2.9 DFN= -1.1 DFN= -2.0
 Highest= 92 Lowest= 67

PRECIPITATION STATISTICS:

Total= 14.23 DFN= +8.22 Greatest Daily= 5.74 Rain Days= 12

AVERAGE DAILY VALUES:

Pan Evaporation= .20 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 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. A '0' indicates no solar data available.

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Daily Weather Observations for: FAIRHOPE ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
09/ 1	94	5	65	-6	80	0	.00	91	75	83	.22	999	0
09/ 2	95	6	64	-7	80	0	.00	92	77	85	.30	999	0
09/ 3	95	6	65	-6	80	0	.00	93	77	85	.22	999	0
09/ 4	92	3	70	-1	81	1	.00	98	79	89	9.99	999	0
09/ 5	90	-9	63	-8	72	-8	.46	84	76	80	.03	999	0
09/ 6	95	-4	63	-8	74	-6	.00	88	73	81	.24	999	0
09/ 7	86	-3	64	-6	75	-5	.00	85	73	79	.26	999	0
09/ 8	86	-3	65	-5	76	-4	.00	88	73	81	.20	999	0
09/ 9	86	-2	65	-5	76	-3	.00	93	74	84	.18	999	0
09/10	86	-2	65	-5	76	-3	.00	93	76	85	.19	999	0
09/11	87	-1	68	-2	78	-1	.00	96	75	86	.20	999	0
09/12	88	0	71	1	80	1	88.88	92	80	86	.15	999	0
09/13	91	3	70	1	81	2	.00	98	80	89	.21	999	0
09/14	93	5	70	1	82	3	.00	98	82	90	.22	999	0
09/15	91	3	71	2	81	2	.00	98	83	91	.25	999	0
09/16	89	2	64	-5	77	-1	.08	92	76	84	.18	999	0
09/17	87	0	65	-3	76	-2	.00	93	76	85	.23	999	0
09/18	80	-7	63	-5	72	-6	.00	85	76	81	.16	999	0
09/19	84	-3	64	-4	74	-4	.00	91	76	84	.21	999	0
09/20	84	-3	65	-3	75	-3	.00	87	76	82	.16	999	0
09/21	87	1	64	-3	76	-1	.00	91	76	84	.22	999	0
09/22	87	1	65	-2	76	-1	.00	93	77	85	.22	999	0
09/23	86	0	72	6	79	3	.03	88	78	83	.15	999	0
09/24	88	2	67	1	78	2	.00	92	78	85	.18	999	0
09/25	93	8	67	1	80	4	.00	92	78	85	.18	999	0
09/26	88	3	65	0	77	2	.00	93	78	86	.22	999	0
09/27	90	5	64	-1	77	2	.00	90	78	84	.27	999	0
09/28	77	-8	64	-1	71	-4	.00	95	78	87	.23	999	0
09/29	86	1	57	-7	72	-3	.00	92	76	84	.29	999	0
09/30	79	-5	56	-8	68	-6	.00	90	74	82	.21	999	0

AIR TEMPERATURES:

Mean Maximum= 87.3 Mean Minimum= 65.4 Average= 76.3
 DFN= +.1 DFN= -2.9 DFN= -1.4
 Highest= 95 Lowest= 56

PRECIPITATION STATISTICS:

Total= .57 DFN= -6.61 Greatest Daily= .46 Rain Days= 3

AVERAGE DAILY VALUES:

Pan Evaporation= .21 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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 ALABAMA

1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
10/ 1	74	-10	48	-15	61	-13	.00	87	70	79	.27	999	0
10/ 2	72	-12	45	-18	59	-15	.00	83	68	76	.22	999	0
10/ 3	74	-9	45	-17	60	-13	.00	83	66	75	.20	999	0
10/ 4	76	-7	46	-16	61	-12	.00	83	66	75	.20	999	0
10/ 5	80	-3	51	-10	66	-6	.00	84	67	76	.16	999	0
10/ 6	83	0	60	-1	72	0	.00	80	70	75	.19	999	0
10/ 7	84	2	62	2	73	2	.00	79	70	75	.15	999	0
10/ 8	84	2	62	2	73	2	.00	81	70	76	.15	999	0
10/ 9	85	3	63	3	74	3	.10	87	71	79	.15	999	0
10/10	84	2	64	5	74	3	88.88	84	71	78	.12	999	0
10/11	85	4	61	2	73	3	.00	85	71	78	.16	999	0
10/12	87	6	61	3	74	4	.00	87	72	80	.19	999	0
10/13	86	5	60	2	73	3	.00	84	72	78	.14	999	0
10/14	84	4	60	2	72	3	.00	87	73	80	.17	999	0
10/15	84	4	64	7	74	5	.17	85	74	80	.16	999	0
10/16	80	0	70	13	75	6	.44	78	75	77	.04	999	0
10/17	85	6	72	15	79	11	.00	85	75	80	.15	999	0
10/18	80	1	69	13	75	7	88.88	78	74	76	.08	999	0
10/19	85	6	69	13	77	9	.00	81	74	78	.13	999	0
10/20	85	7	69	13	77	10	.00	82	74	78	.13	999	0
10/21	84	6	70	15	77	10	.16	83	74	79	.14	999	0
10/22	84	6	72	17	78	11	.00	82	75	79	.15	999	0
10/23	86	8	72	17	79	12	.00	84	75	80	.14	999	0
10/24	86	9	67	13	77	11	.00	86	74	80	.14	999	0
10/25	88	11	65	11	77	11	.00	88	74	81	.15	999	0
10/26	86	9	63	9	75	9	88.88	85	73	79	.13	999	0
10/27	88	12	64	11	76	11	.00	87	74	81	.18	999	0
10/28	80	4	66	13	73	8	.26	84	74	79	.03	999	0
10/29	85	10	70	17	78	14	.65	80	74	77	.10	999	0
10/30	84	9	68	16	76	12	88.88	83	74	79	.12	999	0
10/31	83	8	67	15	75	11	88.88	83	73	78	.10	999	0

AIR TEMPERATURES:

Mean Maximum= 82.9 Mean Minimum= 62.7 Average= 72.8
 DFN= +3.3 DFN= +5.5 DFN= +4.4
 Highest= 88 Lowest= 45

PRECIPITATION STATISTICS:

Total= 1.78 DFN= -1.35 Greatest Daily= .65 Rain Days= 6

AVERAGE DAILY VALUES:

Pan Evaporation= .15 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 88.88 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in
 inches, vegetative wetting is in hours and solar energy is in Watts per
 square meter. A '0' indicates no solar data available.

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Daily Weather Observations for: FAIRHOPE ALABAMA 1984

DATE	AIR TEMPERATURE						PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN		MAX	MIN	MEAN			
11/ 1	86	12	67	15	77	14	.00	82	72	77	.14	999	0
11/ 2	84	10	66	14	75	12	.00	80	72	76	.12	999	0
11/ 3	72	-2	55	4	64	1	.70	73	67	70	.06	999	0
11/ 4	73	0	57	6	65	3	.00	73	68	71	.05	999	0
11/ 5	74	1	58	7	66	4	.00	77	67	72	.14	999	0
11/ 6	72	-1	48	-3	60	-2	.00	73	60	67	.20	999	0
11/ 7	67	-5	44	-6	56	-5	.00	67	57	62	.17	999	0
11/ 8	68	-4	44	-6	56	-5	.00	68	56	62	.11	999	0
11/ 9	71	-1	47	-3	59	-2	.00	70	56	63	.14	999	0
11/10	75	4	49	-1	62	1	.00	73	57	65	.11	999	0
11/11	77	6	42	-7	60	0	.24	67	55	61	.11	999	0
11/12	60	-11	37	-12	49	-11	.00	63	51	57	.12	999	0
11/13	58	-13	36	-13	47	-13	.00	59	48	54	.09	999	0
11/14	65	-5	36	-13	51	-9	.00	61	48	55	.08	999	0
11/15	71	1	43	-5	57	-2	.00	65	49	57	.08	999	0
11/16	78	8	55	7	67	8	.00	70	58	64	.07	999	0
11/17	70	1	47	-1	59	0	.00	68	60	64	.10	999	0
11/18	72	3	48	0	60	1	.03	68	59	64	.09	999	0
11/19	80	11	61	13	71	12	.69	73	63	68	.12	999	0
11/20	67	-2	46	-1	57	-1	.00	69	58	64	.16	999	0
11/21	54	-14	43	-4	49	-9	.00	58	52	55	.06	999	0
11/22	57	-11	34	-13	46	-12	.00	56	45	51	.06	999	0
11/23	57	-11	33	-14	45	-13	.00	54	44	49	.12	999	0
11/24	63	-5	31	-16	47	-11	.00	53	43	48	.99	999	0
11/25	65	-2	43	-3	54	-3	.00	56	42	49	.08	999	0
11/26	77	10	44	-2	61	4	.00	62	48	55	.07	999	0
11/27	75	8	58	12	67	10	.03	65	57	61	.04	999	0
11/28	75	9	43	-3	59	2	.57	68	55	62	.11	999	0
11/29	56	-11	32	-14	44	-13	.00	60	47	54	.10	999	0
11/30	61	-5	33	-13	47	-9	.00	58	47	53	.07	999	0

AIR TEMPERATURES:

Mean Maximum= 69.3 Mean Minimum= 46.0 Average= 57.7
 DFN= -.7 DFN= -2.5 DFN= -1.6
 Highest= 86 Lowest= 31

PRECIPITATION STATISTICS:

Total= 2.26 DFN= -1.49 Greatest Daily= .70 Rain Days= 6

AVERAGE DAILY VALUES:

Pan Evaporation= .10 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

 Data values that are all '9s' indicate data that is missing or not reported.
 99.99 indicates Trace of precipitation. DFN is the departure from normal.
 Temperatures are in degrees Fahrenheit, precipitation and evaporation are in inches, vegetative wetting is in hours and solar energy is in Watts per square meter. A '0' indicates no solar data available.

National Weather Service
 SE As Weather Service Center, Auburn University, AL

Daily Weather Observations for: FAIRHOPE
 ALABAMA

1984

DATE	AIR TEMPERATURE							PRECIP	4 INCH SOIL			EVAP	VEG WET	SOLAR ENERGY
	MAX	DFN	MIN	DFN	AVG	DFN	DFN		MAX	MIN	MEAN			
12/ 1	73	7	48	3	61	5	.02	61	50	56	.04	999	0	
12/ 2	69	3	57	12	63	7	.12	68	55	62	.03	999	0	
12/ 3	76	10	55	10	66	10	.10	68	60	64	.11	999	0	
12/ 4	65	-1	46	1	56	0	.00	64	60	62	.12	999	0	
12/ 5	49	-16	39	-6	44	-11	1.31	65	51	58	.02	999	0	
12/ 6	60	-5	38	-6	49	-6	.05	58	51	55	.06	999	0	
12/ 7	48	-17	24	-20	36	-19	.00	52	42	47	9.99	999	0	
12/ 8	49	-16	24	-20	37	-18	.00	48	40	44	9.99	999	0	
12/ 9	62	-3	31	-13	47	-8	.00	52	41	47	9.99	999	0	
12/10	68	3	42	-2	55	0	.00	57	45	51	.07	999	0	
12/11	71	7	49	5	60	6	.00	63	55	59	.07	999	0	
12/12	72	8	50	6	61	7	.00	62	54	58	.04	999	0	
12/13	74	10	54	10	64	10	.00	65	58	62	.09	999	0	
12/14	78	14	61	18	70	16	.00	67	61	64	.11	999	0	
12/15	78	14	58	15	68	14	.00	68	61	65	.08	999	0	
12/16	76	12	57	14	67	13	.00	67	61	64	.11	999	0	
12/17	74	10	55	12	65	11	.00	67	61	64	.05	999	0	
12/18	75	12	56	13	66	13	.00	68	61	65	.07	999	0	
12/19	75	12	54	11	65	12	.00	69	62	66	.06	999	0	
12/20	74	11	56	13	65	12	.00	69	62	66	.06	999	0	
12/21	73	10	59	16	66	13	.00	69	63	66	.04	999	0	
12/22	75	12	59	16	67	14	.00	70	62	66	.05	999	0	
12/23	72	9	48	6	60	7	.10	69	59	64	.10	999	0	
12/24	73	10	52	10	63	10	.00	65	58	62	.06	999	0	
12/25	77	14	58	16	68	15	.00	70	62	66	.08	999	0	
12/26	71	9	51	9	61	9	.00	74	60	67	.10	999	0	
12/27	77	15	54	12	66	14	.00	67	59	63	.05	999	0	
12/28	67	5	56	14	62	10	.00	66	62	64	.03	999	0	
12/29	78	16	56	14	67	15	.00	69	62	66	.05	999	0	
12/30	76	14	63	21	70	18	.00	70	63	67	.05	999	0	
12/31	80	18	64	22	72	20	.00	75	65	70	.09	999	0	

AIR TEMPERATURES:

Mean Maximum= 70.5 Mean Minimum= 50.8 Average= 60.6
 DFN= +6.7 DFN= +7.5 DFN= +7.1
 Highest= 80 Lowest= 24

PRECIPITATION STATISTICS:

Total= 1.70 DFN= -3.38 Greatest Daily= 1.31 Rain Days= 6

AVERAGE DAILY VALUES:

Pan Evaporation= .07 Hours of Wet Vegetation= 999.9 Solar Energy= 9999.9

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 inches, vegetative wetting is in hours and solar energy is in Watts per
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