U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
MIDSOUTH AGRICULTURAL WEATHER SERVICE CENTER
STONEVILLE, MISSISSIPPI

SUMMARY OF WEATHER OBSERVATIONS - 1981

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Air Temperature													
Average Maximum	50.2	55.8	64.1	80.9	79.7	90.1	91.4	90.6	83.5	73.1	68.0	51.9	73.3
Average Minimum	29.4	36.2	41.8	59.0	58.6	72.3	73.0	69.6	59.5	50.6	42.0	32.8	52.1
Departure of Mean from Normal	-2.7	-0.2	+0.7	+5.8	-3.1	+1.9	+0.2	-0.4	-3.4	-2.2	+1.6	-3.4	-0.6
Highest	67	76	79	88	91	97	100	100	91	92	79	74	100
Lowest	16	15	31	43	47	63	64	63	45	31	26	16	15
Soil Temperature Average													
2-inch Maximum	51.9	57.6	67.5	84.5	85.3	96.4	100.2	98.7	89.5	75.5	67.4	53.1	77.3
2-inch Minimum	38.9	43.5	47.7	64.3	64.8	78.3	80.9	79.1	69.5	60.4	52.3	54.0	61.1
4-inch Maximum	48.4	53.8	62.9	79.3	80.5	91.1	95.4	93.8	84.9	72.4	64.1	66.7	74.4
4-inch Minimum	39.9	44.9	50.4	66.2	67.5	80.3	83.3	81.6	72.7	63.0	54.4	54.4	62.3
8-inch Maximum	44.8	50.0	58.4	73.7	76.0	87.2	91.0	89.8	81.4	70.8	61.6	48.9	69.5
8-inch Minimum	41.0	45.7	52.6	68.1	70.4	81.9	85.5	84.3	75.8	66.0	56.8	44.6	64.4
20-inch Observation	45.5	48.0	54.7	66.6	70.7	80.1	84.8	84.4	77.8	70.2	61.2	49.0	66.1
Growing Degree Days													
40-degree base	92	259	404	910	901	1239	1306	1258	946	668	451	126	8560
50-degree base	10	110	129	610	591	939	996	948	646	369	174	17	5539
60-degree base	0	10	22	316	283	639	686	638	349	134	21	0	3098
65-degree base	0	0	3	178	156	489	531	483	214	62	1	0	2117
Total Precipitation (inches)	1.53	2.42	4.25	0.98	4.78	3.29	3.10	1.56	4.95	3.09	2.55	2.30	34.80
Departure from 1951-80 Normal	-3.50	-2.36	-1.42	-4.54	-0.33	-0.41	-0.95	-0.81	+1.41	+0.63	-2.27	-2.66	-17.21
Snow (inches)	Trace	0	0	0	0	0	0	0	0	0	0	0	0
Evaporation (inches)	0.76*	1.74*	4.23	7.04	7.52	8.43	7.80	7.00	5.65	3.82	2.78	1.57	58.3
Solar Radiation (langleys)	266	303	400	476	508	533	562	499	476	306	273	225	4827

*More than 10 days with ice in the evaporation pan

Last Spring Freeze Mar 19 - First Fall Freeze Oct 24 - Growing Season 218 days

Additional Information: Low temperature records were set on February 11-13, July 30, September 18-19, October 24, and December 18-19. High temperature records were set or tied on April 10, 14 & 27. Warmest April on record; 5th coldest September, 7th coldest December. Eighth year in a row where the annual temperature has been below the 30 year normal. Solar radiation was 69 percent of possible and 1.4 percent above normal (4762).
April through October - Evaporation was 0.81 inches less than the 23 year average.