U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL STUDIES SERVICE CENTER
DELTA BRANCH EXPERIMENT STATION
STONEVILLE, MISSISSIPPI

SUMMARY OF WEATHER OBSERVATIONS - 1975

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	AN
Air Temperature													
Average Maximum	57.5	57.1	61.9	70.6	82.0	87.4	91.5	89.1	82.1	77.5	64.7	54.0	72.
Average Minimum	38.3	37.6	42.0	51.3	65.0	69.3	72.3	71.5	59.9	52.3	44.5	36.4	53.
Departure of Mean from Normal	3.7	.0	-2.1	-3.8	1.1	-1.0	0.2	-0.5	-3.8	.0	+0.8	-1.0	-0.
Highest	77	76	80	86	92	94	96	95	96	90	81	78	96
Lowest	17	24	29	33	56	62	63	67	44	39	25	19	17
Soil Temperature Average													
2-inch Maximum	52.1	55.1	60.0	72.5	86.3	95.2	102.7	96.9	88.1	78.3	62.9	54.2	75.
2-inch Minimum	38.9	40.6	44.2	54.6	68.7	74.2	80.0	78.5	68.2	59.4	48.9	41.1	58.
4-inch Maximum	52.3	54.8	58.7	69.2	82.0	90.1	96.7	92.3	84.5	75.0	62.3	52.3	72.
4-inch Minimum	43.4	45.1	48.5	57.9	70.6	76.4	81.9	80.6	71.4	63.2	53.4	44.6	61.
Growing Degree Days total													
40-degree base	294.5	220.0	379.0	639.5	1041.5	1157.5	1292.0	1256.0	925.0	767.5	442.0	204.0	86
50-degree base	113.0	42.0	165.0	350.5	731.5	857.5	982.0	946.0	625.0	457.5	231.0	70.0	55
60-degree base	29.0	3.0	34.0	129.0	421.5	557.5	672.0	636.0	355.0	180.5	74.5	16.0	31
65-degree base	9.0	.0	9.5	59.5	269.0	407.5	517.0	481.0	215.0	13.5	21.5	6.0	20
Total Precipitation (inches)	5.17	10.31	10.78	5.89	9.56	4.56	3.38	2.75	2.94	2.32	4.66	2.73	65
Departure from Normal	.54	5.10	5.15	.80	4.98	.89	-.40	-.03	-.14	-.19	+.24	-2.26	+1
Snow (inches)	2.5	Trace	Trace	.0	.0	.0	.0	.0	.0	.0	0.1	T	2.
Evaporation (inches)	--	--	3.78	5.45	6.56	7.85	8.44	6.10	5.93	4.41	2.77	1.47	
Solar Radiation (Langleys)													
Average	216.2	241.5	319.2	405.8	489.8	522.4	521.2	452.9	423.4	333.5	407.0	188.2	

Last spring freeze March 15. First fall killing frost and freeze November 14. Growing season 244 days.

New Records: The greatest accumulation of rainfall since records began in 1915 was recorded between Mid-February and Mid-September. A departure of more than 17 inches was maintained from June 10 to August 30. Five maximum and three minimum temperature records were broken for particular dates, but no new seasonal or monthly records were established.