U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE OFFICE FOR AGRICULTURE
DELTA BRANCH EXPERIMENT STATION
STONEVILLE, MISSISSIPPI

SUMMARY OF WEATHER OBSERVATIONS -- 1973

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Air Temperature °F													
Average Maximum	49.6	54.0	67.8	69.7	79.7	90.4	91.8	89.5	85.6	80.4	68.1	54.3	73.4
Average Minimum	33.8	35.3	51.2	53.2	60.2	70.4	73.5	69.1	67.8	57.6	48.4	35.4	54.7
Departure of Mean from Normal	-4.4	-4.0	4.4	-2.5	-1.9	1.1	0.6	-1.9	1.2	3.8	4.5	1.3	0.3
Highest	70	71	81	82	90	96	97	95	92	92	82	73	97
Lowest	21	23	32	36	51	63	63	59	49	39	32	21	21
Soil Temperature °F													
2-inch Maximum	49.5	54.6	66.9	72.9	88.0	99.5	102.0	102.4	89.9	80.2	62.2	54.1	76.8
2-inch Minimum	36.7	39.1	50.6	53.0	64.9	75.7	79.7	77.7	71.8	61.0	48.5	41.7	58.4
4-inch Maximum	45.5	48.8	63.4	69.4	84.0	92.0	94.9	95.0	85.3	76.5	61.9	49.3	72.2
4-inch Minimum	38.6	40.5	54.1	57.9	70.8	78.3	81.9	80.3	75.0	66.1	54.3	42.5	61.7
Growing Degree Days Total													
40-degree base	161.5	178.5	618.5	643.5	933.5	1216.5	1322.0	1221.0	1097.0	880.0	536.5	191.5	9000.0
50-degree base	29.5	36.0	309.5	349.5	623.5	916.5	1012.0	911.0	797.0	580.0	253.0	42.0	5874.0
60-degree base	2.0	0	77.5	118.0	314.0	616.5	702.0	601.0	497.0	306.0	80.5	0	3314.5
Total Precipitation (inches)	7.14	4.45	13.91	5.99	3.76	1.98	4.55	2.20	2.13	3.54	10.42	6.18	66.25
Departure from Normal	1.55	-.53	8.35	1.03	-.45	-1.89	.52	-.35	-.86	.93	6.19	.90	15.88
Evaporation (inches)	--	--	--	5.49	8.41	8.99	8.56	7.72	5.20	4.58	--	--	
Solar Radiation (Langleys)													
Daily Average	206.5	346.2	356.4	--	490.5	495.2	476.1	495.3	360.9	291.5	210.8	202.0	

Last Spring Freeze March 1. Scattered frost March 22.
First 32° in the fall, November 11, did no damage. Patchy frost November 29. Heavy frost December 6, and killing freeze December 7.

New Records: March precipitation. Previous record, 10.61 inches in 1961. Windiest May and June since 1959.