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 - 1974

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANN
Air Temperature °F													
Average Maximum	53.2	57.2	68.6	73.0	82.8	84.8	91.7	89.8	77.7	74.9	64.7	55.5	72
Average Mimimum	38.9	36.5	48.9	51.8	64.8	65.8	72.3	69.8	60.7	50.5	45.6	38.3	53
Departure of Mean from Normal	+1.9	-0.5	+4.7	-2.4	+1.4	-4.1	+0.3	-1.0	-5.6	-2.2	+1.4	+0.7	-0
Highest	75	73	83	86	93	93	99	94	89	84	81	74	99
Lowest	21	24	28	37	51	56	68	58	44	41	30	24	21
Soil Temperature Average °F													
2-inch Maximum	56.2	62.5	71.4	81.6	91.5	93.7	101.9	101.1	82.0	73.2	60.0	48.9	77
2-inch Minimum	46.9	47.2	55.9	60.6	72.9	74.8	82.0	79.9	68.4	59.2	51.0	40.1	61
4-inch Maximum	49.1	52.7	65.5	74.4	84.3	87.0	94.5	93.1	77.6	70.2	60.6	50.2	71
4-inch Minimum	43.5	44.5	56.3	61.0	72.4	74.6	81.3	79.8	69.5	61.5	54.4	43.7	61
Growing Degree Days total													
40-degree base	277.0	218.0	593.0	671.0	1047.5	1062.0	1301.0	1228.0	880.0	706.5	436.5	246.0	9089
50-degree base	101.0	53.0	315.0	371.0	737.5	762.0	991.0	918.0	580.0	396.5	189.5	68.0	5482
60-degree base	14.0	1.0	116.5	119.0	427.5	462.0	681.0	608.0	284.0	118.0	54.0	13.0	2898
65-degree base	2.0	0	44.0	44.0	272.5	312.0	524.0	453.0	162.0	44.0	25.0	3.5	1886
Total Precipitation (inches)	10.02	4.13	4.83	10.37	6.41	8.23	3.44	2.96	6.46	4.12	3.60	5.57	70
Departure from 1941-70 Normal	+5.39	-1.08	-0.80	+5.28	+1.83	+4.56	-0.34	+0.18	+3.38	+1.61	-0.82	+0.58	+19
Evaporation (inches)	--	--	--	6.79	7.70	8.05	8.79	6.92	4.10	4.33	--	--	
Solar Radiation (Langleys)													
Average	151.3	275.6	345.6	487.5	453.3	546.6	504.8	456.9	328.0	362.3	238.8	170.4	

Last spring freeze March 25. Scattered frost April 6 and 9. First freeze in the fall November 15 was a low of 30°F and a killing frost. Growing season 235 days.

New Records: Monthly Mean temperature of 75.3 in June and 69.2 in September were lowest in 44-year record. 3 Maximum and 5 Minimum temperature records for particular dates were scattered through the year.

The 70.14 inches of rainfall has been exceeded by 72.35 inches in 1961, 73.54 inches in 1957 and 76.24 inches in 1923.