DELTA BRANCH EXPERIMENT STATION
STONEVILLE, MISSISSIPPI
1990 YEARLY SUMMARY

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AIR TEMPERATURE													
AVERAGE MAXIMUM	56.4	62.1	63.3	71.7	80.2	91.0	90.6	91.9	89.1	74.9	68.7	57.6	74.8
AVERAGE MINIMUM	39.5	41.9	46.5	50.5	60.5	71.0	71.7	69.4	65.3	48.4	44.7	37.0	53.9
DEPARTURE OF MEAN FROM NORMAL	5.5	5.8	.9	-3.1	-1.8	1.7	-.8	.2	2.3	-2.5	3.3	1.6	1.2
HIGHEST TEMPERATURE	72	77	79	86	88	99	99	100	99	90	83	74	100
LOWEST TEMPERATURE	28	32	33	34	47	59	58	58	45	36	32	18	18
SOIL TEMPERATURE AVERAGES													
2-INCH MAXIMUM	56.6	62.7	65.5	71.8	82.5	98.3	101.8	104.0	96.6	78.7	66.9	55.2	78.4
2-INCH MINIMUM	42.1	45.0	49.3	54.4	65.2	76.7	79.6	80.1	74.6	56.3	48.1	41.1	59.5
4-INCH MAXIMUM	56.2	61.8	64.2	70.6	81.0	95.7	98.6	100.4	93.9	77.2	66.9	57.4	77.0
4-INCH MINIMUM	46.9	50.5	54.2	59.3	69.5	81.0	84.3	85.4	80.4	63.9	55.6	48.2	65.0
8-INCH MAXIMUM	51.5	56.8	59.1	64.8	75.2	88.2	91.9	95.2	88.2	72.5	62.6	55.1	71.8
8-INCH MINIMUM	46.9	51.4	54.2	59.4	69.9	81.3	84.9	87.5	81.8	66.2	57.1	49.4	65.9
20-INCH OBSERVATION	50.9	55.5	57.5	61.5	70.6	80.5	85.5	86.6	84.7	72.5	62.8	55.9	68.8
TOTAL PRECIPITATION (inches)	7.66	6.94	7.71	3.50	4.44	3.26	3.28	.54	3.09	4.70	4.31	10.66	60.06
DEPARTURE FROM 30-YR NORM	2.57	2.16	2.04	-1.98	-.65	-.46	-.77	-1.83	-.45	2.24	-.51	5.67	8.03
SNOW (inches)													
TOTAL EVAPORATION (inches)			3.49	5.60	6.79	9.32	8.04	7.48	6.21	4.19	3.01		
AVG. SOLAR RADIATION (langleys)	206.9	282.9	338.0	451.2	480.1	632.7	564.0	579.4	472.1	397.2	289.8	165.1	405.0
DEPARTURE FROM AVERAGE	-8.7	1.8	-40.2	-17.6	-26.8	72.3	.4	72.3	41.4	49.1	49.2	-34.8	13.6
TOTAL WIND AT EVAP. PAN	2642	2502	2259	2162	2365	1762	1235	945	1089	1223	1663	2355	22265

LAST SPRING FREEZE 900205 32
FIRST FALL FREEZE 901130 32

GROWING SEASON 298 DAYS, NORMAL 225 DAYS