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

SUMMARY OF WEATHER OBSERVATIONS - 1982

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Air Temperature													
Average Maximum	50.4	49.5	66.3	69.7	85.2	86.9	91.1	89.8	83.5	74.6	63.4	58.7	72.4
Average Minimum	28.9	34.6	48.0	50.2	63.7	68.0	71.8	71.8	60.4	51.2	43.8	42.9	52.9
Departure of Mean from Normal	-2.8	-4.1	+4.9	-4.2	+2.3	-1.8	-0.5	+0.3	-2.9	-1.2	+0.2	+5.1	-0.5
Highest	75	76	83	86	95	96	96	94	92	90	77	80	96
Lowest	4	20	30	35	47	60	68	68	42	34	25	25	4
Soil Temperature Average													
2-inch Maximum	49.5	53.7	68.9	79.9	93.7	97.8	104.5	102.4	94.1	79.5	65.5	60.0	79.1
2-inch Minimum	40.5	41.6	51.6	54.6	69.2	77.8	80.7	80.3	71.2	59.9	51.8	47.9	60.6
4-inch Maximum	47.3	48.9	64.1	68.8	86.8	95.6	97.8	96.1	88.4	74.5	62.1	57.3	74.0
4-inch Minimum	41.3	43.3	53.2	56.9	71.4	77.5	83.1	82.4	74.6	63.0	53.2	49.6	62.5
8-inch Maximum	45.8	48.7	59.6	64.7	79.6	85.0	91.1	89.6	83.2	69.8	58.4	54.1	69.1
8-inch Minimum	41.8	42.5	54.5	59.2	72.9	79.0	84.5	83.8	77.0	64.8	53.7	49.7	63.6
10-inch Observation	45.9	47.4	55.6	60.9	72.2	79.3	84.4	84.6	80.6	70.1	60.3	55.4	66.4
Growing Degree Days													
40-degree base	169	155	553	596	1076	1121	1285	1268	956	705	405	352	8641
50-degree base	51	54	289	312	766	821	975	958	656	395	185	152	5614
60-degree base	1	2	106	94	456	521	665	648	361	156	41	52	3103
65-degree base	0	0	50	32	305	371	510	493	252	86	9	20	2128
Total Precipitation (inches)	3.74	4.69	1.69	7.57	1.75	4.84	2.42	1.52	2.83	6.56	6.82	19.53	63.96
Departure from 1951-80 Normal	-1.35	-0.09	-3.98	2.09	-3.34	1.12	-1.63	-0.85	-0.71	4.10	2.00	14.57	11.93
Total Snow (inches)	3.6	Trace	Trace	0	0	0	0	0	0	0	0	0.5	4.1
Evaporation (inches)	*1.02	*1.27	3.95	4.79	8.51	7.33	7.87	6.58	5.97	3.96	2.13	*1.84	55.22
Departure from Average	-	-	-0.15	-1.30	0.88	-1.15	-0.42	-0.84	0.31	-0.54	-	-	
Solar Radiation Avg. (Langleys)	225	246	355	412	548	542	535	475	451	342	208	180	377
Departure from 8 yr. average	20	-43	-4	-61	46	-20	-27	-36	33	-22	-45	-31	-16
Wind at Evaporation Pan (total)	3019	2445	2984	2761	2407	1610	1193	1194	1443	1466	2029	3216	2147
Departure from Normal	413	-156	398	486	497	130	-20	58	118	38	133	746	694

Last Spring Freeze March 8, First Fall Freeze November 5. - Growing Season 241 Days
*More than 10 days missing due to ice in the pan.

Remarks: December rainfall was greatest of record for any month since 1915. Record high wind total for December. Solar Radiation annual average was the lowest since 1975. Temperature records were equaled or exceeded on eight days during the year. April was the coldest in the 52 year record. The annual column includes totals for growing degree days, precipitation, evaporation and wind at the evaporation pan. Otherwise, annual averages are given.