

**USDA/OCE World Agricultural Outlook Board
Stoneville Field Office
and
Mississippi State University Delta Research and Extension Center
Summary of Agricultural Weather Observations* - 2002**

AIR TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Average Maximum	55.3	55.6	61.4	76.3	82.6	89.2	92.9	92.6	89.4	73.7	61.0	54.8	73.7
Average Minimum	36.4	34.9	40.5	56.0	61.6	68.9	73.0	71.2	67.6	57.9	41.0	37.1	53.8
Departure of Mean From Normal**	4.3	-1.2	-3.9	2.5	-0.5	-0.8	0.5	0.9	3.6	1.5	-2.5	1.1	0.5
Highest Temperature	78.0	79.0	81.0	91.0	91.0	99.0	97.0	98.0	99.0	92.0	84.0	72.0	99.0
Lowest Temperature	18.0	21.0	19.0	40.0	46.0	57.0	70.0	66.0	56.0	43.0	28.0	26.0	18.0
SOIL TEMPERATURE AVERAGES													
2 inch maximum	57.4	60.9	65.5	81.6	89.7	98.8	104.9	102.6	94.4	77.2	64.0	56.9	79.5
2 inch minimum	42.4	41.7	46.5	60.7	66.9	76.5	81.3	79.2	74.9	62.3	46.6	41.5	60.0
4 inch maximum	51.9	55.6	60.0	75.0	82.8	91.7	97.4	95.8	89.0	73.7	59.6	52.4	73.7
4 inch minimum	44.3	45.0	49.6	62.1	69.0	78.0	82.6	81.3	77.3	65.0	50.2	44.4	62.4
8 inch maximum	49.7	52.7	56.1	68.9	77.1	85.4	90.1	89.3	84.3	71.0	57.7	50.3	69.4
8 inch minimum	46.6	49.0	52.0	64.3	71.8	79.8	84.7	84.4	80.5	68.3	54.6	47.5	65.3
20 inch observation	50.5	53.0	54.6	64.5	72.7	80.3	84.6	85.3	82.2	71.9	60.3	52.4	67.7
TOTAL PRECIPITATION (inches)	9.37	3.71	8.57	3.26	2.82	4.15	3.29	2.77	7.73	7.05	3.42	6.01	62.15
DEPARTURE FROM 30 YR AVERAGE**	3.95	-0.75	2.94	-2.18	-2.43	0.13	-0.57	0.72	4.54	3.73	-1.78	0.56	8.86
AVG SOLAR RADIATION (langleys/day)	161	236	251	348	390	416	447	402	301	195	178	155	290
TOTAL EVAPORATION (inches)	0.00	0.00	0.00	6.30	7.90	7.58	7.75	7.82	6.83	3.54	0.00	0.00	47.72
TOTAL WIND RUN AT EVAP PAN (miles)	2427	2119	3171	2484	2341	1089	910	1199	1628	1519	1795	2292	22974
RELATIVE HUMIDITY													
Average Maximum	98	96	96	97	96	99	100	100	98	99	99	99	98
Average Minimum	60	51	59	54	51	53	58	54	53	69	58	69	57

LAST SPRING FREEZE/AIR TEMP <=32, MAR 24 - FIRST FALL FREEZE/AIR TEMP <=32, NOV 28 - GROWING SEASON 249 DAYS, NORMAL 225 DAYS

NEW HIGH TEMP RECORDS WERE SET APRIL 25 (87°F) & 29 (91°F), JUNE 3 (99°F) and NOV 11 (84°F). NEW LOW TEMPS WERE SET FEB 28 (22°F), MAY 19 (46°F) & 20 (49°F).
WETTEST MONTHS INCLUDED: 10th WETTEST JANUARY, 7th WETTEST MARCH, 3rd WETTEST SEPTEMBER & 8th WETTEST MONTH FOR OCTOBER

*BASED ON DATA FROM THE NATIONAL WEATHER SERVICE COOPERATIVE OBSERVING STATION LOCATED IN STONEVILLE, MS

**Monthly normals were based on the period of record from 1971-2000 and were obtained from NOAA/NESDIS/NCDC