

**USDA/OCE World Agricultural Outlook Board  
Stoneville Field Office  
and  
Mississippi State University Delta Research and Extension Center  
Summary of Agricultural Weather Observations\* - 2000**

	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>ANNUAL</u>
<b>AIR TEMPERATURE</b>													
AVERAGE MAXIMUM	54.6	63.2	69.1	72.3	85.0	89.7	94.4	98.1	88.2	80.7	59.9	45.0	75.0
AVERAGE MINIMUM	35.9	38.7	48.0	51.9	66.1	70.0	72.0	71.9	63.3	52.4	41.7	27.3	53.3
DEPARTURE OF MEAN FROM NORMAL	3.6	4.7	3.9	-1.2	3.4	0.5	1.1	4.4	1.1	2.4	-2.6	-8.8	1.1
HIGHEST TEMPERATURE	74.0	80.0	83.0	87.0	95.0	97.0	102.0	105.0	104.0	91.0	86.0	69.0	105.0
LOWEST TEMPERATURE	19.0	19.0	32.0	39.0	53.0	56.0	63.0	65.0	46.0	32.0	29.0	19.0	19.0
<b>SOIL TEMPERATURE AVERAGES</b>													
2 INCH MAXIMUM	55.2	62.6	72.6	76.4	89.8	98.2	108.0	109.9	94.5	86.5	63.6	48.9	80.5
2 INCH MINIMUM	41.2	44.4	52.5	56.0	70.3	76.3	82.1	82.7	71.6	60.4	47.6	35.3	60.0
4 INCH MAXIMUM	52.4	57.0	67.3	71.6	83.1	91.0	99.3	99.5	87.2	78.6	60.7	46.0	74.5
4 INCH MINIMUM	43.9	46.1	54.6	58.1	70.5	77.2	83.9	84.8	75.1	64.7	51.2	38.5	62.4
8 INCH MAXIMUM	50.8	53.1	62.6	66.8	77.2	85.0	92.5	92.5	83.3	73.7	59.3	45.7	70.2
8 INCH MINIMUM	47.7	49.2	58.4	61.9	73.0	79.5	87.1	88.1	79.3	68.9	56.1	43.3	66.0
20 INCH OBSERVATION	52.2	51.4	60.0	63.7	72.3	79.5	86.4	87.8	82.1	72.6	62.1	48.7	68.2
<b>TOTAL PRECIPITATION (inches)</b>	3.53	1.60	7.72	11.09	6.93	6.13	0.64	0.00	2.59	0.61	11.10	6.57	58.51
<b>DEPARTURE FROM 30-YR AVERAGE</b>	-1.76	-2.93	2.08	5.59	1.68	2.07	-3.27	-2.04	-0.62	-2.69	5.66	0.99	4.76
<b>AVG. SOLAR RADIATION (langley/day)</b>	201	291	347	408	460	477	564	531	391	354	176	152	363
<b>DEPARTURE FROM 20-YR AVERAGE</b>	-19.9	-5.1	-31.9	-59.9	-68.2	-81.8	14.3	19.8	-42.1	7.4	-71.8	-45.4	-32.1
<b>TOTAL EVAPORATION (inches)</b>	0.00	0.00	0.00	5.36	7.98	7.56	8.58	8.68	7.07	5.66	0.00	0.00	50.89
<b>TOTAL WIND RUN AT EVAP. PAN (miles/day)</b>	2387	2262	2170	2160	2697	1650	899	806	1500	1209	1740	2139	21619
<b>RELATIVE HUMIDITY</b>													
AVERAGE MAXIMUM	97	98	98	97	96	97	97	94	96	94	98	97	97
AVERAGE MINIMUM	58	53	56	51	51	52	47	39	45	35	65	65	51

LAST SPRING FREEZE/AIR TEMP <=32, MAR 12 - FIRST FALL FREEZE/AIR TEMP <=32, OCT 10 - GROWING SEASON 212 DAYS, NORMAL 225 DAY

ADDITIONAL INFORMATION: LOW TEMP RECORDS WERE SET ON JUN 7 (56), JUL 25 (63), JUL 26 (63), OCT 8 (36), OCT 9 (35), AND OCT 10 (32). HIGH TEMP RECORDS WERE SET ON JAN 3 (74), FEB 19 (80), MAR 8 (81), MAR 10 (83), JUL 20 (102), JUL 21 (101), AUG 11 (102), AUG 18 (103), AUG 19 (103), AUG 23 (100), AUG 26 (102), AUGUST 28 (102), AUG 29 (103), AUG 30 (104), AUG 31 (105), SEP 1 (104), OCT 24 (88), OCT 28 (86), AND OCT 29 (87). 4th WARMEST MAY ON RECORD; WARMEST AUGUST; 9th COLDEST NOVEMBER; 4th COLDEST DECEMBER.

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