# COOPERATIVE OBSERVERS' METEOROLOGICAL RECORD

STATION Tuskegee, COUNTY Macon, STATE Ala, HR. OF OBSERVATION
LATITUDE ____, LONGITUDE ____, ELEVATION ____, TEMP. 5 p.m.
MONTH July, 1945 MERIDIAN OF TIME CWT, PRECIP. 5 p.m.

| DATE | TEMPERATURE MAXIMUM (1) | TEMPERATURE MINIMUM (2) | TEMPERATURE SET MAX. (3) | PRECIPITATION TIME OF BEGINNING (4) | PRECIPITATION TIME OF ENDING (5) | PRECIPITATION AMOUNT (3) INCHES & HUNDREDTHS (6) | SNOWFALL INCHES & TENTHS (7) | SNOW ON GROUND AT OBSERVATION (8) | PREVAILING WIND DIRECTION FOR THE DAY (9) | CHARACTER OF DAY SUNRISE TO SUNSET (AVE. CLD.) CLEAR (0—3) (10) | P. CLDY. (4—7) (10) | CLOUDY (8—10) (10) | MISCELLANEOUS PHENOMENA INCLUDING CHARACTER OF PRECIPITATION, AS RAIN, DRIZZLE, SNOW, SLEET, HAIL, THUNDERSTORMS, ETC. (11) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 95 | 73 | 87 | 3:00 | 3:45 | .06 | | | SW | | ✓ | | |
| 2 | 93 | 72 | 92 | | | | | | SW | ✓ | | | |
| 3 | 94 | 70 | 91 | | | | | | SW | ✓ | | | |
| 4 | 92 | 70 | 85 | | | | | | SW | | ✓ | | |
| 5 | 91 | 73 | 73 | 3:00 | DN | .09 | | | S | | | ✓ | |
| 6 | 88 | 73 | 86 | | DN | .18 | | | NW | | | ✓ | |
| 7 | 95 | 70 | 84 | DN | DN | .02 | | | SW | | ✓ | | |
| 8 | 93 | 70 | 84 | DN | DN | | | | S | | | ✓ | |
| 9 | 91 | 72 | 85 | | | .75 | | | S | ✓ | | | |
| 10 | 93 | 73 | 85 | | | .73 | | | S | ✓ | | | |
| 11 | 90 | 73 | 84 | | | | | | NE | ✓ | | | |
| 12 | 93 | 68 | 91 | 5:00 P.M. | DN | | | | SW | | | ✓ | |
| 13 | 93 | 71 | 80 | DN | DN | ~~.92~~ .72 | | | SW | | | ✓ | |
| 14 | 86 | 71 | 74 | 3:00 DN | 3:15 DN | 2.80 | | | | | | ✓ | |
| 15 | 89 | 73 | 73 | 5:00 DN | 5:00 DN | .10 | | | SW | | | ✓ | |
| 16 | 87 | 72 | 81 | | | .04 | | | S | | | ✓ | |
| 17 | 88 | 71 | 84 | | | | | | SW | | | ✓ | |
| 18 | 88 | 70 | 85 | | | | | | SW | ✓ | | | |
| 19 | 88 | 72 | 80 | 3:00 | 3:10 | .01 | | | E | | | ✓ | |
| 20 | 89 | 71 | 84 | | | | | | SW | | ✓ | | |
| 21 | 88 | 72 | 85 | | | | | | SW | | ✓ | | |
| 22 | 90 | 70 | 86 | 1:00 DN | 1:45 DN | .39 | | | SE | | ✓ | | |
| 23 | 93 | 73 | 90 | 3:30 | 4:15 | .82 | | | SW | | ✓ | | |
| 24 | 93 | 73 | 90 | | | | | | SW | ✓ | | | |
| 25 | 92 | 72 | 91 | | | | | | S | ✓ | | | |
| 26 | 92 | 71 | 85 | | | | | | SW | | ✓ | | |
| 27 | 90 | 73 | 88 | | | | | | SW | | ✓ | | |
| 28 | 90 | 72 | 78 | 9:00 | 9:30 | .10 | | | SW | | | ✓ | |
| 29 | 85 | 73 | 76 | 3:00 | 3:30 | .05 | | | NW | | | ✓ | |
| 30 | 90 | 69 | 88 | DN | DN | .02 | | | SW | ✓ | | | |
| 31 | 93 | 73 | 89 | 4:30 | DN | T | | | SW | | | ✓ | |
| 1 ST. | | | | | | | | | | | | | |
| SUM | 2802 | 2214 | | | | 6.08 | | | SW | | | | |

NOTE: NUMBERS AT TOP OF COLUMNS, REFER TO NUMBERED INSTRUCTIONS ON COVER

1 ENTER TEMP. AND PRECIP. FOR 1 ST. DAY OF FOLLOWING MO. WHERE OBS. IN MORNING ONLY.
2 READING OF MAX. THERMOMETER IMMEDIATELY AFTER SETTING.
3 INCLUDING RAIN, HAIL, SLEET AND MELTED SNOW ON DAY OF MEASUREMENT.

(IN TRIPLICATE)

E. M. Hoover
(COOPERATIVE OBSERVER)
Tuskegee
(P.O. ADDRESS)

DATES OF –
HIGH WINDS, ____
GLAZE, (FREEZING RAIN) ____
SLEET, (SMALL ICE PELLETS) ____
HAIL, ____
KILLING FROST, ____
THUNDERSTORMS, ____
FOG, LIGHT (VISIBILITY 1/5 MI. OR MORE) ____
DENSE (VISIBILITY LESS THAN 1/5 MI.) ____
DEPTH OF FROZEN GROUND AT END OF MO. ____ INS.

(NEED NOT BE FILLED IN BY OBSERVER)

## TEMPERATURE

MEAN MAXIMUM, 90.4
MEAN MINIMUM, 71.4
MEAN MONTHLY, 80.9 DEPARTURE, 0.0
MAXIMUM, 95 ; DATE, 1, 7
MINIMUM, 68 ; DATE, 12

## PRECIPITATION

TOTAL, 6.08 INS. DEPARTURE, +1.26

GREATEST AMOUNT

| IN ANY OBSERVATIONAL DAY | | COMPUTED FOR 24-HOUR PERIOD | |
|---|---|---|---|
| AMOUNT | DATE | AMOUNT | DATE |
| 2.80 | 14 | 3.20 | 13-14 |

## SNOW

TOTAL SNOWFALL, 0 INCHES
GREATEST IN ANY OBSERVATIONAL DAY ____
DATE ____

## NUMBER OF DAYS

MAX. TEMP. 90° OR ABOVE, 21
MAX. TEMP. 32° OR BELOW, 0
MIN. TEMP. 32° OR BELOW, 0
MIN. TEMP. 0° OR BELOW, 0
WITH 0.01 INCH OR MORE PRECIP, 16
0.25 INCH OR MORE, 6 ; 1.00 INCH OR MORE, 1
CLEAR, 9 PARTLY CLOUDY, 9 CLOUDY, 13

REMARKS: ____

N NE E SE S SW W NW

STATION Tuskegee, Ala
MONTH July, 1945

C.G.