W.B. FORM 1009

# U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

## COOPERATIVE OBSERVERS' METEOROLOGICAL RECORD

STATION Tuskegee, COUNTY Macon, STATE Alabama, HR. OF OBSERVATION
LATITUDE ____, LONGITUDE ____, ELEVATION ____, TEMP. 5 pm
MONTH April, 1943, MERIDIAN OF TIME CWT., PRECIP. 5 pm.

| DATE | TEMPERATURE MAXIMUM (1) | TEMPERATURE MINIMUM (2) | TEMPERATURE 2 SET MAX. (3) | PRECIPITATION TIME OF BEGINNING (4) | PRECIPITATION TIME OF ENDING (5) | PRECIPITATION 3 AMOUNT INCHES & HUNDREDTHS (6) | PRECIPITATION SNOWFALL INCHES & TENTHS (7) | PRECIPITATION 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 | 80 | 51 | 66 | | | | | | NW | ✓ | | | |
| 2 | 79 | 52 | 67 | | | | | | NW | ✓ | | | |
| 3 | 82 | 46 | 63 | | | | | | NE | ✓ | | | |
| 4 | 83 | ~~47~~ 36 | 72 | | | | | | NE | ✓ | | | |
| 5 | 79 | ~~48~~ 48 | 73 | | | | | | NE | ✓ | | | |
| 6 | 74 | 53 | 66 | | | | | | NE | ✓ | | | |
| 7 | 82 | 49 | 78 | | | | | | SE | | ✓ | | |
| 8 | 87 | 57 | 80 | | | | | | NE | | ✓ | | |
| 9 | 80 | 58 | 65 | 2:45 pm | 4:45 pm | 0.80 | | | SE | | | ✓ | |
| 10 | 83 | 56 | 81 | | | | | | SE | ✓ | | | |
| 11 | 81 | 57 | 80 | | | | | | NW | | | ✓ | |
| 12 | 84 | 57 | 82 | DN | 7:20 am | 1.65 | | | NW | ✓ | | | |
| 13 | 82 | ~~47~~ | 76 | | | | | | NW | ✓ | | | Heavy wind |
| 14 | 76 | ~~42~~ | 57 | | | | | | NW | ✓ | | | Heavy wind |
| 15 | 70 | ~~57~~ | 72 | | | | | | NW | ✓ | | | |
| 16 | 72 | ~~63~~ | 78 | | | | | | NW | | ✓ | | |
| 17 | 74 | ~~64~~ | 72 | | | | | | NW | | ✓ | | |
| 18 | ~~72~~ 71 | ~~69~~ | 69 | DN | 2:30 pm | 1.13 | | | NW | | | ✓ | |
| 19 | 73 | ~~69~~ | 70 | | | | | | NW | ✓ | | | Heavy wind |
| 20 | ~~70~~ 64 | ~~55~~ | 69 | | | | | | NW | | | ✓ | |
| 21 | 65 | ~~53~~ | 63 | | | | | | NW | ✓ | | | |
| 22 | ~~75~~ 73 | ~~68~~ | 75 | | | | | | NW | ✓ | | | |
| 23 | 80 | ~~93~~ | 60 | 2:45 | DN | 0.56 | | | SW | | | ✓ | |
| 24 | 70 | ~~63~~ | 65 | | | | | | NW | ✓ | | | |
| 25 | 82 | ~~73~~ | 79 | | | | | | SW | ✓ | | | |
| 26 | 83 | ~~74~~ | 81 | | | | | | SW | ✓ | | | |
| 27 | 86 | ~~75~~ | 82 | | | | | | SW | ✓ | | | |
| 28 | 88 | ~~74~~ | 85 | | | | | | SW | ✓ | | | |
| 29 | 89 | ~~80~~ | 88 | | | | | | SW | ✓ | | | |
| 30 | 89 | ~~81~~ | 89 | | | | | | SW | ✓ | | | |
| 31 | | | | | | | | | | | | | |
| 1 ST. | 1 | no good | | | | | | | | | | | |
| SUM | 2370 | | | | | 4.14 | | | NW | | | | |

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. N. Hooker
(COOPERATIVE OBSERVER)
Tuskegee Institute
(P.O. ADDRESS)

## MONTHLY SUMMARY

(TO BE FILLED IN BY OBSERVER)

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, 79.0
MEAN MINIMUM, —
MEAN MONTHLY, — DEPARTURE, —
MAXIMUM, 89 ; DATE, 29, 30
MINIMUM, — ; DATE, —

### PRECIPITATION

TOTAL, 4.14 INS. DEPARTURE, +0.38

GREATEST AMOUNT

| IN ANY OBSERVATIONAL DAY | | COMPUTED FOR 24-HOUR PERIOD | |
|---|---|---|---|
| AMOUNT | DATE | AMOUNT | DATE |
| 1.65 | ~~11~~ 12 | 1.65 | 11–12 |

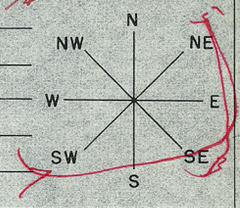
### SNOW

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

### NUMBER OF DAYS

MAX. TEMP. 90° OR ABOVE, 0
MAX. TEMP. 32° OR BELOW, 0
MIN. TEMP. 32° OR BELOW, —
MIN. TEMP. 0° OR BELOW, 0
WITH 0.01 INCH OR MORE PRECIP, 4
0.25 INCH OR MORE, 4; 1.00 INCH OR MORE, 2
CLEAR, 21 PARTLY CLOUDY, 4 CLOUDY, 5

REMARKS: Min temperature on 5th, 10° off. ~~Min~~ temperature after 12th no good.




STATION Tuskegee, Ala.
MONTH April, 1943

C.G.