

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH JANUARY 1974

| DAY             | AIR TEMP<br>MAX | AIR TEMP<br>MIN | DEGREE<br>1 | DEGREE<br>2 | DEGREE<br>3 | SOIL TEMP<br>MAX | SOIL TEMP<br>MIN | AVG  | PREC | SOLAR<br>RAD | WIND | SNOW |
|-----------------|-----------------|-----------------|-------------|-------------|-------------|------------------|------------------|------|------|--------------|------|------|
| 1               | 27              | 17              |             |             | 0           | 36               | 33               | 34.5 | 0.00 |              |      | 0.00 |
| 2               | 31              | 12              | 46          | 0           | 0           | 34               | 32               | 33.0 | 0.00 |              |      | 0.00 |
| 3               | 29              | 26              | 37          | 0           | 0           | 33               | 31               | 32.0 | 0.75 |              |      | 0.00 |
| 4               | 29              | 21              | 40          | 0           | 0           | 32               | 31               | 31.5 | 0.05 |              |      | 0.00 |
| 5               | 30              | 23              | 39          | 0           | 0           | 33               | 31               | 32.0 | 0.02 |              |      | 0.00 |
| 6               | 30              | 26              | 37          | 0           | 0           | 33               | 31               | 32.0 | 0.00 |              |      | 0.00 |
| 7               | 30              | 26              | 37          | 0           | 0           | 33               | 31               | 32.0 | 0.00 |              |      | 0.00 |
| 8               | 27              | 18              | 43          | 0           | 0           | 33               | 31               | 32.0 | 0.00 |              |      | 0.00 |
| 9               | 36              | 26              | 34          | 0           | 0           | 32               | 31               | 31.5 | 0.31 |              |      | 0.00 |
| 10              | 33              | 30              | 34          | 0           | 0           | 32               | 31               | 31.5 | 1.04 |              |      | 0.00 |
| 11              | 34              | 28              | 34          | 0           | 0           | 32               | 31               | 31.5 | 0.72 |              |      | 0.00 |
| 12              | 29              | 14              | 44          | 0           | 0           | 33               | 31               | 32.0 | 0.00 |              |      | 0.00 |
| 13              | 30              | 12              | 44          | 0           | 0           | 32               | 31               | 31.5 | 0.00 |              |      | 0.00 |
| 14              | 42              | 28              | 30          | 0           | 0           | 33               | 30               | 31.5 | 0.00 |              |      | 0.00 |
| 15              | 56              | 40              | 17          | 0           | 0           | 33               | 29               | 31.0 | 0.00 |              |      | 0.00 |
| 16              | 60              | 38              | 16          | 0           | 0           | 37               | 33               | 35.0 | 0.00 |              |      | 0.00 |
| 17              |                 | 39              |             |             |             |                  |                  |      | 0.00 |              |      | 0.00 |
| 18              | 62              | 49              | 10          | 0           | 0           | 39               | 36               | 37.5 | 0.02 |              |      | 0.00 |
| 19              | 62              | 49              | 11          | 0           | 0           | 43               | 39               | 41.0 | 0.28 |              |      | 0.00 |
| 20              | 59              | 44              | 13          | 0           | 0           | 45               | 43               | 44.0 | 0.08 |              |      | 0.00 |
| 21              | 60              | 44              | 14          | 0           | 0           | 46               | 44               | 45.0 | 0.07 |              |      | 0.00 |
| 22              | 64              | 38              | 14          | 0           | 0           | 45               | 44               | 44.5 | 0.00 |              |      | 0.00 |
| 23              | 64              | 38              | 14          | 0           | 0           | 44               | 43               | 43.5 | 0.18 |              |      | 0.00 |
| 24              | 39              | 30              | 31          | 0           | 0           | 44               | 42               | 43.0 | 0.00 |              |      | 0.00 |
| 25              | 49              | 25              | 28          | 0           | 0           | 41               | 39               | 40.0 | 0.00 |              |      | 0.00 |
| 26              | 61              | 35              | 17          | 0           | 0           | 40               | 38               | 39.0 | 0.11 |              |      | 0.00 |
| 27              | 62              | 51              | 9           | 0           | 0           | 44               | 40               | 42.0 | 0.18 |              |      | 0.00 |
| 28              | 60              | 36              | 17          | 0           | 0           | 46               | 43               | 44.5 | 0.43 |              |      | 0.00 |
| 29              | 56              | 38              | 18          | 0           | 0           | 43               | 42               | 42.5 | 0.00 |              |      | 0.00 |
| 30              | 53              | 29              | 24          | 0           | 0           | 43               | 41               | 42.0 | 0.00 |              |      | 0.00 |
| 31              |                 |                 |             |             |             |                  |                  |      |      |              |      |      |
| TOTAL           |                 |                 | 734         | 0           | 0           |                  |                  |      | 4.24 |              |      | 0.00 |
| MEAN            | 45.5            | 30.6            | 37.8        | 27          | 0           | 37.7             | 35.6             | 36.7 | 0.14 |              |      | 0.00 |
| YEARS OF RECORD | 15              | 15              | 15          | 15          | 2           | 8                | 8                | 8    | 15   |              |      | 8    |
| MONTH AVERAGE   | 39.8            | 21.8            | 30.8        | 34          | 0           | 35.7             | 33.1             | 34.4 | 2.54 |              |      | 3.37 |

DEG. DAY 1=AIR TEMP UNDER 65, 2=AIR TEMP OVER 65, 3=4 INCH SOIL TEMP OVER 50.  
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP, EVAP, SNOW IN INCHES  
 BLANK=MISSING OBSERVATION

| DAY | MAX | AIR TEMP | MIN  | AVG | *** | ** | DEGREE | DAY | ***  | 3    | MAX | SOIL TEMP | MIN  | AVG  | ***  | PREC | SOLAR RAD | WIND | SNOW |
|-----|-----|----------|------|-----|-----|----|--------|-----|------|------|-----|-----------|------|------|------|------|-----------|------|------|
|     |     |          |      |     |     |    | 1      | 2   |      |      |     |           |      |      |      |      |           |      |      |
| 1   | 57  | 24       | 40.5 | 25  | 0   | 0  | 42     | 39  | 40.5 | 0.00 | 42  | 39        | 40.5 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 2   | 56  | 32       | 44.0 | 21  | 0   | 0  | 40     | 38  | 39.0 | 0.07 | 40  | 38        | 39.0 | 0.07 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 3   | 36  | 28       | 32.0 | 33  | 0   | 0  | 40     | 39  | 39.5 | 0.00 | 40  | 39        | 39.5 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 4   | 31  | 18       | 24.5 | 41  | 0   | 0  | 39     | 35  | 37.0 | 0.00 | 39  | 35        | 37.0 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 5   | 39  | 15       | 27.0 | 38  | 0   | 0  | 37     | 33  | 35.0 | 0.00 | 37  | 33        | 35.0 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 6   | 47  | 27       | 37.0 | 28  | 0   | 0  | 34     | 33  | 33.5 | 0.27 | 34  | 33        | 33.5 | 0.27 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 7   | 49  | 23       | 36.0 | 29  | 0   | 0  | 36     | 34  | 35.0 | 0.20 | 36  | 34        | 35.0 | 0.20 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 8   | 26  | 22       | 24.0 | 41  | 0   | 0  | 36     | 33  | 34.5 | 0.00 | 36  | 33        | 34.5 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 9   | 27  | 16       | 21.5 | 44  | 0   | 0  | 33     | 32  | 32.5 | 0.00 | 33  | 32        | 32.5 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 10  | 32  | 14       | 23.0 | 42  | 0   | 0  | 33     | 31  | 32.0 | 0.01 | 33  | 31        | 32.0 | 0.01 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 11  | 34  | 16       | 25.0 | 40  | 0   | 0  | 33     | 31  | 32.0 | 0.02 | 33  | 31        | 32.0 | 0.02 | 0.00 | 0.00 | 0.00      | 0.00 | 1.00 |
| 12  | 56  | 28       | 42.0 | 23  | 0   | 0  | 34     | 30  | 32.0 | 0.00 | 34  | 30        | 32.0 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 13  | 62  | 44       | 53.0 | 12  | 0   | 0  | 36     | 31  | 33.5 | 0.00 | 36  | 31        | 33.5 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 14  | 61  | 31       | 46.0 | 19  | 0   | 0  | 37     | 35  | 36.0 | 0.09 | 37  | 35        | 36.0 | 0.09 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 15  | 41  | 19       | 30.0 | 35  | 0   | 0  | 38     | 34  | 36.0 | 0.00 | 38  | 34        | 36.0 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 16  | 48  | 28       | 38.0 | 27  | 0   | 0  | 35     | 33  | 34.0 | 0.00 | 35  | 33        | 34.0 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 17  | 47  | 25       | 36.0 | 29  | 0   | 0  | 37     | 35  | 36.0 | 0.00 | 37  | 35        | 36.0 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 18  | 57  | 26       | 41.5 | 24  | 0   | 0  | 37     | 34  | 35.5 | 0.00 | 37  | 34        | 35.5 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 19  | 52  | 40       | 46.0 | 19  | 0   | 0  | 37     | 35  | 36.0 | 0.61 | 37  | 35        | 36.0 | 0.61 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 20  | 49  | 30       | 39.5 | 26  | 0   | 0  | 39     | 36  | 37.5 | 0.03 | 39  | 36        | 37.5 | 0.03 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 21  | 66  | 29       | 47.5 | 18  | 0   | 0  | 39     | 37  | 38.0 | 0.00 | 39  | 37        | 38.0 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 22  | 64  | 36       | 50.0 | 15  | 0   | 0  | 40     | 37  | 38.5 | 0.57 | 40  | 37        | 38.5 | 0.57 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 23  | 42  | 25       | 33.5 | 32  | 0   | 0  | 41     | 37  | 39.0 | 0.01 | 41  | 37        | 39.0 | 0.01 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 24  | 42  | 25       | 33.5 | 32  | 0   | 0  | 38     | 34  | 36.0 | 0.10 | 38  | 34        | 36.0 | 0.10 | 0.00 | 0.00 | 0.00      | 0.00 | 2.00 |
| 25  | 28  | 14       | 21.0 | 44  | 0   | 0  | 36     | 33  | 34.5 | 0.04 | 36  | 33        | 34.5 | 0.04 | 0.00 | 0.00 | 0.00      | 0.00 | 1.00 |
| 26  | 34  | 7        | 20.5 | 45  | 0   | 0  | 35     | 32  | 33.5 | 0.00 | 35  | 32        | 33.5 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 27  | 54  | 24       | 39.0 | 26  | 0   | 0  | 33     | 31  | 32.0 | 0.00 | 33  | 31        | 32.0 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |
| 28  | 54  | 43       | 48.5 | 17  | 0   | 0  | 35     | 32  | 33.5 | 0.00 | 35  | 32        | 33.5 | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 | 0.00 |

|                 |      |      |      |      |
|-----------------|------|------|------|------|
| TOTAL           | 820  | 0    | 2.02 | 4.00 |
| MEAN            | 46.1 | 25.3 | 35.7 | 36.8 |
| YEARS OF RECORD | 15   | 15   | 15   | 8    |
| MONTH AVERAGE   | 42.5 | 23.0 | 32.7 | 33.5 |
|                 |      |      | 34.6 | 2.47 |
|                 |      |      | 2.07 | 0.14 |
|                 |      |      | 8    | 5.92 |

DEG. DAY 1=AIR TEMP UNDER 65, 2=AIR TEMP OVER 65, 3=4 INCH SOIL TEMP OVER 50. SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP. EVAP. SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH NOVEMBER 1974

| DAY | MAX | AIR TEMP | MIN    | AVG    | 1   | 2      | 3    | MAX  | MIN  | AVG  | PREC  | RAD | WIND | SNOW |
|-----|-----|----------|--------|--------|-----|--------|------|------|------|------|-------|-----|------|------|
|     |     | *** **   | *** ** | DEGREE | DAY | *** ** | SOIL | TEMP | ***  | ***  | SOLAR |     |      |      |
| 1   | 75  | 58       | 66.5   | 0      | 2   | 3      | 53   | 52   | 52.5 | 0.24 |       |     |      |      |
| 2   | 73  | 59       | 66.0   | 0      | 1   | 2      | 53   | 51   | 52.0 | 0.07 |       |     |      |      |
| 3   | 73  | 51       | 62.0   | 3      | 0   | 7      | 60   | 53   | 56.5 | 0.18 |       |     |      |      |
| 4   | 66  | 58       | 62.0   | 3      | 0   | 8      | 59   | 56   | 57.5 | 0.21 |       |     |      |      |
| 5   | 62  |          |        |        |     |        | 59   |      | 0.00 |      |       |     |      |      |
| 6   |     | 32       |        |        |     |        | 51   | 51   | 0.12 |      |       |     |      |      |
| 7   | 53  | 35       | 44.0   | 21     | 0   | 0      | 51   | 49   | 50.0 | 0.01 |       |     |      |      |
| 8   | 57  | 32       | 44.5   | 21     | 0   | 1      | 54   | 47   | 50.5 | 0.00 |       |     |      |      |
| 9   | 59  | 29       | 44.0   | 21     | 0   | 0      | 49   | 46   | 47.5 | 0.00 |       |     |      |      |
| 10  | 63  | 37       | 50.0   | 15     | 0   | 0      | 48   | 46   | 47.0 | 0.00 |       |     |      |      |
| 11  | 59  | 48       | 53.5   | 12     | 0   | 0      | 50   | 47   | 48.5 | 0.73 |       |     |      |      |
| 12  | 50  | 38       | 44.0   | 21     | 0   | 0      | 49   | 47   | 48.0 | 0.27 |       |     |      |      |
| 13  | 45  | 32       | 38.5   | 27     | 0   | 0      | 49   | 45   | 47.0 | 0.07 |       |     |      |      |
| 14  | 53  | 30       | 41.5   | 24     | 0   | 0      | 45   | 43   | 44.0 | 0.06 |       |     |      |      |
| 15  | 42  | 26       | 34.0   | 31     | 0   | 0      | 43   | 41   | 42.0 | 0.00 |       |     |      |      |
| 16  | 49  | 27       | 38.0   | 27     | 0   | 0      | 42   | 40   | 41.0 | 0.00 |       |     |      |      |
| 17  |     | 34       |        |        |     |        | 41   |      | 0.01 |      |       |     |      |      |
| 18  | 56  | 49       | 54.0   | 11     | 0   | 0      | 43   | 43   | 44.5 | 0.40 |       |     |      |      |
| 19  | 59  | 46       | 52.5   | 13     | 0   | 0      | 48   | 46   | 47.0 | 0.30 |       |     |      |      |
| 20  | 59  | 47       | 39.5   | 26     | 0   | 0      | 49   | 43   | 46.0 | 0.00 |       |     |      |      |
| 21  | 47  | 32       | 39.5   | 26     | 0   | 0      | 43   | 42   | 42.5 | 0.00 |       |     |      |      |
| 22  | 39  | 33       | 36.0   | 29     | 0   | 0      | 43   | 42   | 42.5 | 0.00 |       |     |      |      |
| 23  | 65  | 30       | 47.5   | 18     | 0   | 0      | 43   | 42   | 42.5 | 0.00 |       |     |      |      |
| 24  | 61  | 47       | 54.0   | 11     | 0   | 0      | 44   | 41   | 42.5 | 0.10 |       |     |      |      |
| 25  | 48  | 34       | 41.0   | 24     | 0   | 0      | 45   | 44   | 44.5 | 0.38 |       |     |      |      |
| 26  | 36  | 21       | 28.5   | 37     | 0   | 0      | 45   | 40   | 42.5 | 0.00 |       |     |      |      |
| 27  | 43  | 24       | 33.5   | 32     | 0   | 0      | 41   | 38   | 39.5 | 0.00 |       |     |      |      |
| 28  | 49  | 26       | 37.5   | 28     | 0   | 0      | 39   | 36   | 37.5 | 0.00 |       |     |      |      |
| 29  | 45  | 24       | 34.5   | 31     | 0   | 0      | 39   | 37   | 38.0 | 0.00 |       |     |      |      |
| 30  | 40  | 30       | 35.0   | 30     | 0   | 0      | 38   | 37   | 37.5 | 0.18 |       |     |      |      |

TOTAL 511 3 19 3.33

MEAN 54.5 36.5 45.5 20 0 3 47.4 44.4 45.7 0.11

RECORD MONTH 16 16 16 16 16 9 9 9 9 6

AVERAGE 53.8 35.2 44.5 20 0 3 48.5 45.3 46.9 3.46 1.67

DEG.DAY 1=AIR TEMP UNDER 65,2=AIR TEMP OVER 65,3=4 INCH SOIL TEMP OVER 50.  
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP.EVAP.SNOW IN INCHES  
 BLANK=MISSING OBSERVATION



OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH DECEMBER 1974

| DAY | *** AIR TEMP *** |     | ** DEGREE DAY ** |    |   | *** SOIL TEMP *** |     |      | SOLAR RAD |      |      |
|-----|------------------|-----|------------------|----|---|-------------------|-----|------|-----------|------|------|
|     | MAX              | MIN | 1                | 2  | 3 | MAX               | MIN | AVG  | PREC      | WIND | SNOW |
| 1   | 36               | 31  | 33.5             | 32 | 0 | 37                | 37  | 37.0 | 1.12      |      | 3.00 |
| 2   | 34               | 30  | 32.0             | 33 | 0 | 37                | 37  | 37.0 | 0.12      |      | 2.00 |
| 3   | 37               | 21  | 29.0             | 36 | 0 | 37                | 36  | 36.5 | 0.00      |      | 0.00 |
| 4   | 36               | 26  | 31.0             | 34 | 0 | 36                | 35  | 35.5 | 0.00      |      | 0.00 |
| 5   | 40               | 15  | 27.5             | 38 | 0 | 36                | 34  | 35.0 | 0.00      |      | 0.00 |
| 6   | 46               | 22  | 34.0             | 31 | 0 | 34                | 34  | 34.0 | 0.00      |      | 0.00 |
| 7   | 41               | 34  | 37.5             | 28 | 0 | 35                | 33  | 34.0 | 0.57      |      | 0.00 |
| 8   | 46               | 30  | 38.0             | 27 | 0 | 35                | 33  | 34.0 | 0.20      |      | 0.00 |
| 9   | 31               | 18  | 24.5             | 41 | 0 | 37                | 35  | 36.0 | 0.00      |      | 2.00 |
| 10  | 39               | 11  | 25.0             | 40 | 0 | 36                | 33  | 34.5 | 0.00      |      | 0.00 |
| 11  | 46               | 28  | 37.0             | 28 | 0 | 34                | 32  | 33.0 | 0.00      |      | 0.00 |
| 12  | 42               | 37  | 39.5             | 26 | 0 | 37                | 33  | 35.0 | 0.17      |      | 0.00 |
| 13  | 40               | 35  | 37.5             | 28 | 0 | 38                | 35  | 36.5 | 0.01      |      | 0.00 |
| 14  | 46               | 34  | 40.0             | 25 | 0 | 38                | 35  | 36.5 | 0.00      |      | 0.00 |
| 15  | 43               | 35  | 39.0             | 26 | 0 | 39                | 37  | 38.0 | 0.54      |      | 0.00 |
| 16  | 40               | 35  | 37.5             | 28 | 0 | 37                | 37  | 37.0 | 0.00      |      | 0.00 |
| 17  | 36               | 30  | 33.0             | 32 | 0 | 38                | 33  | 35.5 | 0.00      |      | 0.00 |
| 18  | 32               | 25  | 28.5             | 37 | 0 | 37                | 34  | 35.5 | 0.00      |      | 0.00 |
| 19  | 42               | 29  | 35.5             | 30 | 0 | 35                | 33  | 34.0 | 0.11      |      | 0.00 |
| 20  | 42               | 21  | 31.5             | 34 | 0 | 35                | 34  | 34.5 | 0.00      |      | 0.00 |
| 21  | 39               | 33  | 36.0             | 29 | 0 | 35                | 32  | 33.5 | 0.10      |      | 0.00 |
| 22  | 43               | 24  | 33.5             | 32 | 0 | 35                | 34  | 34.5 | 0.00      |      | 0.00 |
| 23  | 61               | 37  | 49.0             | 16 | 0 | 36                | 33  | 34.5 | 0.03      |      | 0.00 |
| 24  | 59               | 51  | 55.0             | 10 | 0 | 41                | 36  | 38.5 | 0.51      |      | 0.00 |
| 25  | 57               | 27  | 42.0             | 23 | 0 | 43                | 40  | 41.5 | 0.27      |      | 0.00 |
| 26  | 35               | 22  | 28.5             | 37 | 0 | 40                | 37  | 38.5 | 0.00      |      | 0.00 |
| 27  | 43               | 31  | 37.0             | 28 | 0 | 37                | 35  | 36.0 | 0.27      |      | 0.00 |
| 28  | 42               | 34  | 38.0             | 27 | 0 | 37                | 36  | 36.5 | 0.03      |      | 0.00 |
| 29  | 50               | 35  | 42.5             | 23 | 0 | 40                | 37  | 38.5 | 0.00      |      | 0.00 |
| 30  | 49               | 41  | 45.0             | 20 | 0 | 40                | 38  | 39.0 | 0.01      |      | 0.00 |
| 31  | 49               | 34  | 41.5             | 24 | 0 | 40                | 40  | 40.0 | 0.14      |      | 0.00 |

|                 |      |      |      |    |    |      |      |      |      |      |      |
|-----------------|------|------|------|----|----|------|------|------|------|------|------|
| TOTAL           | 896  | 0    | 896  | 0  | 0  | 4.20 | 7.00 |      |      |      |      |
| MEAN            | 42.6 | 29.5 | 36.1 | 29 | 0  | 37.2 | 35.1 | 36.1 | 0.14 | 0.23 |      |
| YEARS OF RECORD | 16   | 16   | 16   | 16 | 16 | 4    | 9    | 9    | 16   | 8    |      |
| MONTH AVERAGE   | 43.3 | 26.5 | 34.9 | 30 | 0  | 1    | 40.5 | 37.4 | 38.9 | 3.02 | 3.19 |

DEG. DAY 1=AIR TEMP UNDER 65.2=AIR TEMP OVER 65.3=4 INCH SOIL TEMP OVER 50.  
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP. EVAP. SNOW IN INCHES  
 BLANK=MISSING OBSERVATION

| DAY   | MAX | AIR TEMP | MIN  | AVG | 1 | 2 | 3    | MAX | SOIL TEMP | MIN  | AVG  | PREC | SOLAR RAD | WIND | SNOW |
|-------|-----|----------|------|-----|---|---|------|-----|-----------|------|------|------|-----------|------|------|
| 1     | 53  | 28       | 40.5 | 25  | 0 | 0 | 37   | 34  | 35.5      | 0.12 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 2     | 66  | 43       | 54.5 | 11  | 0 | 0 | 43   | 37  | 40.0      | 0.27 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 3     | 73  | 56       | 64.5 | 1   | 0 | 0 | 46   | 40  | 43.0      | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 4     | 72  | 61       | 66.5 | 0   | 2 | 0 | 49   | 45  | 47.0      | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 5     | 70  | 44       | 57.0 | 8   | 0 | 0 | 50   | 47  | 48.5      | 0.25 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 6     | 64  | 42       | 53.0 | 12  | 0 | 0 | 50   | 47  | 48.5      | 0.86 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 7     | 78  | 55       | 66.5 | 0   | 2 | 0 | 50   | 46  | 48.0      | 0.10 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 8     | 79  | 57       | 68.0 | 0   | 3 | 1 | 53   | 49  | 51.0      | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 9     | 77  | 59       | 68.0 | 0   | 3 | 3 | 53   | 52  | 52.5      | 0.01 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 10    | 71  | 71       |      |     |   |   | 55   | 55  | 55        | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 11    |     | 34       |      |     |   |   |      | 44  | 44        | 1.10 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 12    | 49  | 38       | 43.5 | 22  | 0 | 0 | 45   | 44  | 44.5      | 0.45 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 13    | 43  | 23       | 33.0 | 32  | 0 | 0 | 44   | 40  | 42.0      | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 14    | 48  | 20       | 34.0 | 31  | 0 | 0 | 40   | 38  | 39.0      | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 15    | 58  | 33       | 45.5 | 20  | 0 | 0 | 41   | 39  | 40.0      | 0.01 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 16    | 52  | 34       | 43.0 | 22  | 0 | 0 | 42   | 40  | 41.0      | 0.90 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 17    | 39  | 32       | 35.5 | 30  | 0 | 0 | 42   | 40  | 41.0      | 0.01 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 18    | 48  | 30       | 39.0 | 26  | 0 | 0 | 40   | 39  | 39.5      | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 19    | 54  | 43       | 48.5 | 17  | 0 | 0 | 41   | 38  | 39.5      | 0.01 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 20    | 56  | 32       | 44.0 | 21  | 0 | 0 | 43   | 41  | 42.0      | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 21    | 56  | 35       | 45.5 | 20  | 0 | 0 | 45   | 42  | 43.5      | 0.32 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 22    | 46  | 20       | 33.0 | 32  | 0 | 0 | 43   | 39  | 41.0      | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 23    | 50  | 32       | 41.0 | 24  | 0 | 0 | 42   | 39  | 40.5      | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 24    | 48  | 16       | 32.0 | 33  | 0 | 0 | 42   | 39  | 40.5      | 0.08 | 0.00 | 1.30 | 0.00      | 0.00 |      |
| 25    | 45  | 12       | 28.5 | 37  | 0 | 0 | 40   | 37  | 38.5      | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 26    | 61  | 31       | 46.0 | 19  | 0 | 0 | 41   | 37  | 39.0      | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 27    | 61  | 33       | 47.0 | 18  | 0 | 0 | 42   | 38  | 40.0      | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 28    | 63  | 39       | 51.0 | 14  | 0 | 0 | 44   | 40  | 42.0      | 0.00 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 29    | 65  | 52       | 58.5 | 7   | 0 | 0 | 47   | 42  | 44.5      | 0.71 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 30    | 65  | 37       | 51.0 | 14  | 0 | 0 | 43   | 41  | 42.0      | 0.55 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| 31    | 55  | 34       | 44.5 | 21  | 0 | 0 | 47   | 44  | 45.5      | 0.07 | 0.00 | 0.00 | 0.00      | 0.00 |      |
| TOTAL |     |          | 512  | 512 | 9 | 4 | 5.82 |     |           |      |      | 1.30 |           |      |      |

|                 |      |      |      |    |    |   |      |      |      |      |      |  |  |  |
|-----------------|------|------|------|----|----|---|------|------|------|------|------|--|--|--|
| MEAN            | 58.8 | 36.8 | 47.7 | 18 | 0  | 2 | 44.7 | 41.3 | 42.7 | 0.19 | 0.04 |  |  |  |
| YEARS OF RECORD | 15   | 15   | 15   | 15 | 15 | 4 | 8    | 8    | 8    | 15   | 7    |  |  |  |
| MONTH AVERAGE   | 53.5 | 32.6 | 43.0 | 22 | 0  | 2 | 44.0 | 40.2 | 42.1 | 4.59 | 5.47 |  |  |  |

DEG. DAY 1=AIR TEMP UNDER 65.2=AIR TEMP OVER 65.3=4 INCH SOIL TEMP OVER 50.  
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP. EVAP. SNOW IN INCHES  
 BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH APRIL 1974

| DAY   | MAX | AIR TEMP MIN | AVG  | 1  | 2  | 3    | MAX | MIN | AVG  | PREC | SOLAR RAD | WIND | EVAP |
|-------|-----|--------------|------|----|----|------|-----|-----|------|------|-----------|------|------|
| 1     | 78  | 44           | 61.0 | 4  | 0  | 0    | 47  | 43  | 45.0 | 0.00 |           |      |      |
| 2     | 78  | 45           | 61.5 | 4  | 0  | 0    | 50  | 47  | 48.5 | 0.99 |           |      |      |
| 3     | 80  | 53           | 66.5 | 0  | 2  | 0    | 51  | 49  | 50.0 | 0.05 |           |      |      |
| 4     | 79  | 57           | 68.0 | 0  | 3  | 2    | 53  | 50  | 51.5 | 0.94 |           |      |      |
| 5     | 67  | 35           | 51.0 | 14 | 0  | 2    | 54  | 49  | 51.5 | 0.04 |           |      |      |
| 6     | 52  | 30           | 41.0 | 24 | 0  | 0    | 48  | 46  | 47.0 | 0.10 |           |      |      |
| 7     | 59  | 38           | 48.5 | 17 | 0  | 0    | 47  | 46  | 46.5 | 0.00 |           |      |      |
| 8     | 59  | 38           | 48.5 | 17 | 0  | 0    | 46  | 46  | 46.0 | 0.43 |           |      |      |
| 9     | 43  | 28           | 35.5 | 30 | 0  | 0    | 47  | 44  | 45.5 | 0.04 |           |      |      |
| 10    | 58  | 30           | 44.0 | 21 | 0  | 0    | 45  | 43  | 44.0 | 0.00 |           |      |      |
| 11    | 73  | 43           | 58.0 | 7  | 0  | 0    | 47  | 44  | 45.5 | 0.00 |           |      |      |
| 12    | 73  | 60           | 66.5 | 0  | 2  | 0    | 49  | 46  | 47.5 | 0.00 |           |      |      |
| 13    | 74  | 54           | 64.0 | 1  | 0  | 0    | 52  | 48  | 50.0 | 0.00 |           |      |      |
| 14    | 78  | 59           | 68.5 | 0  | 4  | 3    | 54  | 51  | 52.5 | 0.03 |           |      |      |
| 15    | 67  | 41           | 54.0 | 11 | 0  | 3    | 55  | 50  | 52.5 | 0.00 |           |      |      |
| 16    | 60  | 34           | 47.0 | 18 | 0  | 0    | 50  | 49  | 49.5 | 0.00 |           |      |      |
| 17    |     |              |      |    |    |      |     |     |      |      |           |      |      |
| 18    | 66  | 36           | 51.0 | 14 | 0  | 1    | 52  | 49  | 50.5 | 0.00 |           |      |      |
| 19    | 64  | 48           | 56.0 | 9  | 0  | 2    | 53  | 51  | 52.0 | 0.00 |           |      |      |
| 20    | 76  | 38           | 57.0 | 8  | 0  | 3    | 54  | 51  | 52.5 | 0.00 |           |      |      |
| 21    | 76  | 59           | 67.5 | 0  | 3  | 4    | 54  | 53  | 53.5 | 0.00 |           |      |      |
| 22    | 72  | 58           | 65.0 | 0  | 0  | 5    | 55  | 54  | 54.5 | 0.40 |           |      |      |
| 23    | 62  | 42           | 52.0 | 13 | 0  | 4    | 55  | 52  | 53.5 | 0.08 |           |      |      |
| 24    | 55  | 37           | 46.0 | 19 | 0  | 1    | 52  | 49  | 50.5 | 0.00 |           |      |      |
| 25    | 61  | 32           | 46.5 | 19 | 0  | 0    | 51  | 49  | 50.0 | 0.00 |           |      |      |
| 26    | 73  | 43           | 58.0 | 7  | 0  | 4    | 57  | 51  | 54.0 | 0.00 |           |      |      |
| 27    | 80  | 46           | 63.0 | 2  | 0  | 4    | 55  | 53  | 54.0 | 0.00 |           |      |      |
| 28    | 82  | 61           | 71.5 | 0  | 7  | 7    | 58  | 55  | 56.5 | 0.00 |           |      |      |
| 29    | 82  | 62           | 72.0 | 0  | 7  | 8    | 59  | 57  | 58.0 | 0.00 |           |      |      |
| 30    | 81  | 61           | 71.0 | 0  | 6  | 9    | 60  | 58  | 59.0 | 0.00 |           |      |      |
| TOTAL |     |              | 257  | 32 | 57 | 3.10 |     |     |      |      |           |      |      |

|                 |      |      |      |    |    |   |      |      |      |      |  |  |      |
|-----------------|------|------|------|----|----|---|------|------|------|------|--|--|------|
| MEAN            | 69.2 | 45.2 | 57.2 | 9  | 1  | 3 | 52.1 | 49.4 | 50.7 | 0.11 |  |  |      |
| YEARS OF RECORD | 16   | 16   | 16   | 16 | 16 | 9 | 9    | 9    | 9    | 16   |  |  | 1    |
| MONTH AVERAGE   | 65.9 | 43.0 | 54.5 | 11 | 1  | 5 | 54.4 | 50.4 | 52.4 | 4.26 |  |  | 0.10 |

DEG.DAY 1=AIR TEMP UNDER 65,2=AIR TEMP OVER 65,3=4 INCH SOIL TEMP OVER 50.  
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP, EVAP, SNOW IN INCHES  
 BLANK=MISSING OBSERVATION



| DAY   | ** AIR TEMP MAX | ** AIR TEMP MIN | *** AVG | ** DEGREE DAY 1 | 2  | 3   | *** MAX | *** SOIL TEMP MAX | MIN  | AVG  | PREC | SOLAR RAD | WIND | EVAP |
|-------|-----------------|-----------------|---------|-----------------|----|-----|---------|-------------------|------|------|------|-----------|------|------|
| 1     | 67              | 47              | 57.0    | 8               | 0  | 9   | 60      | 58                | 59.0 | 0.25 |      |           |      |      |
| 2     | 66              | 53              | 59.5    | 6               | 0  | 9   | 60      | 57                | 58.5 | 0.48 |      |           |      |      |
| 3     | 68              | 57              | 62.5    | 3               | 0  | 6   | 57      | 55                | 56.0 | 0.52 |      |           |      |      |
| 4     | 64              | 41              | 52.5    | 13              | 0  | 7   | 58      | 56                | 57.0 | 0.00 |      |           |      |      |
| 5     | 64              | 44              | 54.0    | 11              | 0  | 8   | 59      | 57                | 58.0 | 0.00 |      |           |      |      |
| 6     | 64              | 47              | 55.5    | 10              | 0  | 7   | 58      | 55                | 56.5 | 0.00 |      |           |      |      |
| 7     | 56              | 31              | 43.5    | 22              | 0  | 7   | 59      | 54                | 56.5 | 0.00 |      |           |      |      |
| 8     | 57              | 44              | 50.5    | 15              | 0  | 5   | 56      | 54                | 55.0 | 0.33 |      |           |      |      |
| 9     | 57              | 50              | 53.5    | 12              | 0  | 5   | 56      | 53                | 54.5 | 0.32 |      |           |      |      |
| 10    | 64              | 46              | 55.0    | 10              | 0  | 5   | 57      | 53                | 55.0 | 0.00 |      |           |      |      |
| 11    | 83              | 50              | 66.5    | 0               | 2  | 8   | 60      | 56                | 58.0 | 0.02 |      |           |      |      |
| 12    | 82              | 51              | 66.5    | 0               | 2  | 11  | 62      | 59                | 60.5 | 0.43 |      |           |      |      |
| 13    | 68              | 41              | 54.5    | 11              | 0  | 9   | 61      | 57                | 59.0 | 0.00 |      |           |      |      |
| 14    | 84              | 53              | 68.5    | 0               | 4  | 10  | 61      | 58                | 59.5 | 0.00 |      |           |      |      |
| 15    | 75              | 62              | 66.5    | 0               | 4  | 13  | 64      | 61                | 62.5 | 0.08 |      |           |      |      |
| 16    | 82              | 59              | 70.5    | 0               | 6  | 12  | 63      | 61                | 62.0 | 0.00 |      |           |      |      |
| 17    | 86              | 67              | 76.5    | 0               | 12 | 15  | 66      | 63                | 64.5 | 0.00 |      |           |      |      |
| 18    | 85              | 62              | 73.5    | 0               | 9  | 17  | 68      | 65                | 66.5 | 0.48 |      |           |      |      |
| 19    | 75              | 60              | 67.5    | 0               | 3  | 19  | 70      | 67                | 68.5 | 0.44 |      |           |      |      |
| 20    | 81              | 58              | 69.5    | 0               | 5  | 17  | 69      | 65                | 67.0 | 0.00 |      |           |      |      |
| 21    | 84              | 62              | 73.0    | 0               | 8  | 20  | 71      | 68                | 69.5 | 0.00 |      |           |      |      |
| 22    | 83              | 66              | 74.5    | 0               | 10 | 21  | 73      | 69                | 71.0 | 0.71 |      |           |      |      |
| 23    | 78              | 60              | 69.0    | 0               | 4  | 19  | 71      | 67                | 69.0 | 0.63 |      |           |      |      |
| 24    | 78              | 56              | 68.0    | 0               | 3  | 20  | 71      | 69                | 70.0 | 0.04 |      |           |      |      |
| 25    | 71              | 48              | 59.5    | 6               | 0  | 19  | 71      | 66                | 68.5 | 0.00 |      |           |      |      |
| 26    | 64              | 46              | 55.0    | 10              | 0  | 16  | 68      | 64                | 66.0 | 0.00 |      |           |      |      |
| 27    | 70              | 46              | 58.0    | 7               | 0  | 14  | 65      | 62                | 63.5 | 0.00 |      |           |      |      |
| 28    | 74              | 46              | 60.0    | 5               | 0  | 14  | 65      | 62                | 63.5 | 0.00 |      |           |      |      |
| 29    | 75              | 62              | 68.5    | 0               | 4  | 14  | 64      | 63                | 63.5 | 0.85 |      |           |      |      |
| 30    | 79              | 62              | 70.5    | 0               | 6  | 14  | 65      | 63                | 64.0 | 0.55 |      |           |      |      |
| 31    | 80              | 63              | 71.5    | 0               | 7  | 16  | 66      | 65                | 65.5 | 1.16 |      |           |      |      |
| TOTAL |                 |                 |         | 145             | 83 | 378 |         |                   |      |      | 7.29 |           |      |      |

|                 |      |      |      |    |    |    |      |      |      |      |
|-----------------|------|------|------|----|----|----|------|------|------|------|
| MEAN            | 73.0 | 53.0 | 63.0 | 5  | 3  | 12 | 63.7 | 60.7 | 62.2 | 0.24 |
| YEARS OF RECORD | 15   | 15   | 15   | 15 | 15 | 9  | 9    | 9    | 9    | 15   |
| MONTH AVERAGE   | 73.9 | 51.0 | 62.4 | 4  | 2  | 13 | 65.7 | 60.6 | 63.2 | 4.92 |

DEG. DAY 1=AIR TEMP UNDER 65,2=AIR TEMP OVER 65,3=4 INCH SOIL TEMP OVER 50.  
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP, EVAP, SNOW IN INCHES  
 BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH JUNE 1974

| DAY     | MAX  | AIR TEMP<br>MIN | AVG  | 1  | 2  | 3   | MAX  | MIN  | SOIL TEMP<br>MIN | AVG  | PREC | RAD | WIND | EVAP |
|---------|------|-----------------|------|----|----|-----|------|------|------------------|------|------|-----|------|------|
| 1       | 67   | 56              | 61.5 | 4  | 0  | 16  | 67   | 64   | 65.5             | 0.36 |      |     |      |      |
| 2       | 73   | 49              | 61.0 | 4  | 0  | 14  | 65   | 62   | 63.5             | 0.00 |      |     |      |      |
| 3       | 80   | 50              | 65.0 | 0  | 0  | 16  | 68   | 64   | 66.0             | 0.00 |      |     |      |      |
| 4       |      | 55              |      |    |    |     |      | 66   |                  | 0.00 |      |     |      |      |
| 5       | 83   |                 |      |    |    |     | 69   |      |                  | 0.00 |      |     |      |      |
| 6       | 83   | 65              | 74.0 | 0  | 9  | 20  | 70   | 69   | 69.5             | 0.15 |      |     |      |      |
| 7       | 85   | 65              | 75.0 | 0  | 10 | 19  | 70   | 68   | 69.0             | 0.00 |      |     |      |      |
| 8       | 83   | 65              | 74.0 | 0  | 9  | 22  | 73   | 70   | 71.5             | 0.31 |      |     |      |      |
| 9       | 83   | 67              | 75.0 | 0  | 10 | 20  | 70   | 70   | 70.0             | 0.00 |      |     |      |      |
| 10      | 77   | 63              | 70.0 | 0  | 5  | 21  | 71   | 70   | 70.5             | 0.07 |      |     |      |      |
| 11      | 76   | 55              | 65.5 | 0  | 1  | 19  | 70   | 68   | 69.0             | 0.04 |      |     |      |      |
| 12      | 74   | 52              | 63.0 | 2  | 0  | 18  | 70   | 66   | 68.0             | 0.00 |      |     |      |      |
| 13      | 76   | 49              | 62.5 | 3  | 0  | 19  | 71   | 66   | 68.5             | 0.00 |      |     |      |      |
| 14      | 81   | 52              | 66.5 | 0  | 2  | 18  | 70   | 66   | 68.0             | 0.00 |      |     |      |      |
| 15      | 81   | 61              | 71.0 | 0  | 6  | 19  | 71   | 67   | 69.0             | 0.91 |      |     |      |      |
| 16      | 79   | 55              | 67.0 | 0  | 2  | 19  | 70   | 68   | 69.0             | 0.06 |      |     |      |      |
| 17      | 67   | 46              | 56.5 | 9  | 0  | 17  | 69   | 65   | 67.0             | 0.00 |      |     |      |      |
| 18      | 77   | 50              | 63.5 | 2  | 0  | 16  | 67   | 64   | 65.5             | 0.00 |      |     |      |      |
| 19      | 81   | 61              | 71.0 | 0  | 6  | 18  | 70   | 66   | 68.0             | 0.00 |      |     |      |      |
| 20      | 87   | 68              | 77.5 | 0  | 13 | 18  | 70   | 65   | 67.5             | 0.03 |      |     |      |      |
| 21      | 87   | 72              | 79.5 | 0  | 15 | 20  | 70   | 69   | 69.5             | 0.00 |      |     |      |      |
| 22      | 84   | 62              | 73.0 | 0  | 8  | 20  | 71   | 69   | 70.0             | 2.33 |      |     |      |      |
| 23      | 64   | 56              | 60.0 | 5  | 0  | 18  | 70   | 65   | 67.5             | 0.51 |      |     |      |      |
| 24      | 70   | 50              | 60.0 | 5  | 0  | 14  | 65   | 63   | 64.0             | 0.00 |      |     |      |      |
| 25      | 68   | 49              | 58.5 | 7  | 0  | 15  | 65   | 64   | 64.5             | 0.67 |      |     |      |      |
| 26      | 69   | 51              | 60.0 | 5  | 0  | 15  | 66   | 63   | 64.5             | 0.16 |      |     |      |      |
| 27      | 73   | 52              | 62.5 | 3  | 0  | 15  | 66   | 63   | 64.5             | 0.00 |      |     |      |      |
| 28      | 73   | 59              | 66.0 | 0  | 1  | 16  | 66   | 65   | 65.5             | 0.64 |      |     |      |      |
| 29      |      | 57              |      |    |    |     |      | 63   |                  | 0.00 |      |     |      |      |
| 30      | 81   |                 |      |    |    |     | 67   |      |                  | 0.00 |      |     |      |      |
| TOTAL   |      |                 |      | 46 | 95 | 455 |      |      |                  |      | 6.24 |     |      |      |
| MEAN    | 77.2 | 56.9            | 66.9 | 2  | 4  | 18  | 68.8 | 66.0 | 67.5             | 0.21 |      |     |      |      |
| RECORD  | 16   | 16              | 16   | 16 | 16 | 9   | 9    | 9    | 9                | 16   |      |     |      |      |
| MONTH   |      |                 |      |    |    |     |      |      |                  |      |      |     |      |      |
| AVERAGE | 82.1 | 59.2            | 70.6 | 1  | 6  | 23  | 75.7 | 69.6 | 72.7             | 3.49 |      |     |      |      |

DEG. DAY 1=AIR TEMP UNDER 65, 2=AIR TEMP OVER 65, 3=4 INCH SOIL TEMP OVER 50.  
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP, EVAP, SNOW IN INCHES  
 BLANK=MISSING OBSERVATION



| DAY   | MAX | AIR TEMP | MIN  | AVG | 1   | 2   | 3  | MAX | MIN  | AVG  | PREC | SOLAR RAD | WIND | EVAP |
|-------|-----|----------|------|-----|-----|-----|----|-----|------|------|------|-----------|------|------|
| 1     | 85  | 66       | 75.5 | 0   | 11  | 19  | 71 | 67  | 69.0 | 0.01 |      |           |      |      |
| 2     | 86  | 66       | 76.0 | 0   | 11  | 21  | 72 | 70  | 71.0 | 0.00 |      |           |      |      |
| 3     | 89  | 70       | 79.5 | 0   | 15  | 22  | 74 | 70  | 72.0 | 0.00 |      |           |      |      |
| 4     | 87  | 69       | 76.0 | 0   | 13  | 26  | 79 | 72  | 75.5 | 0.00 |      |           |      |      |
| 5     | 87  | 66       | 76.5 | 0   | 12  | 25  | 77 | 72  | 74.5 | 0.15 |      |           |      |      |
| 6     | 84  | 67       | 75.5 | 0   | 11  | 23  | 74 | 71  | 72.5 | 0.00 |      |           |      |      |
| 7     | 87  | 66       | 76.5 | 0   | 12  | 23  | 74 | 72  | 73.0 | 0.22 |      |           |      |      |
| 8     | 88  | 64       | 76.0 | 0   | 11  | 25  | 76 | 73  | 74.5 | 0.00 |      |           |      |      |
| 9     | 89  | 67       | 78.0 | 0   | 13  | 27  | 78 | 75  | 76.5 | 0.00 |      |           |      |      |
| 10    | 87  | 65       | 76.0 | 0   | 11  | 26  | 78 | 74  | 76.0 | 0.00 |      |           |      |      |
| 11    | 82  | 68       | 75.0 | 0   | 10  | 26  | 77 | 74  | 75.5 | 0.06 |      |           |      |      |
| 12    | 82  | 57       | 69.5 | 0   | 5   | 24  | 77 | 71  | 74.0 | 0.00 |      |           |      |      |
| 13    | 84  | 55       | 69.5 | 0   | 5   | 24  | 77 | 71  | 74.0 | 0.00 |      |           |      |      |
| 14    | 87  | 57       | 72.0 | 0   | 7   | 24  | 76 | 72  | 74.0 | 0.00 |      |           |      |      |
| 15    | 85  | 68       | 76.5 | 0   | 12  | 24  | 75 | 73  | 74.0 | 0.00 |      |           |      |      |
| 16    | 82  | 59       | 70.5 | 0   | 6   | 23  | 75 | 71  | 73.0 | 0.11 |      |           |      |      |
| 17    | 85  | 58       | 71.5 | 0   | 7   | 23  | 75 | 70  | 72.5 | 0.00 |      |           |      |      |
| 18    | 87  | 59       | 73.0 | 0   | 8   | 24  | 75 | 72  | 73.5 | 0.00 |      |           |      |      |
| 19    | 85  | 67       | 76.0 | 0   | 11  | 23  | 76 | 70  | 73.0 | 1.55 |      |           |      |      |
| 20    | 84  | 62       | 73.0 | 0   | 8   | 23  | 75 | 71  | 73.0 | 0.51 |      |           |      |      |
| 21    | 83  | 57       | 70.0 | 0   | 5   | 24  | 77 | 71  | 74.0 | 0.00 |      |           |      |      |
| 22    | 82  | 58       | 70.0 | 0   | 5   | 24  | 76 | 71  | 73.5 | 0.00 |      |           |      |      |
| 23    | 82  | 67       | 74.5 | 0   | 10  | 24  | 74 | 73  | 73.5 | 0.01 |      |           |      |      |
| 24    | 78  | 59       | 68.5 | 0   | 4   | 23  | 75 | 70  | 72.5 | 0.00 |      |           |      |      |
| 25    | 82  | 61       | 71.5 | 0   | 7   | 21  | 73 | 68  | 70.5 | 0.00 |      |           |      |      |
| 26    | 85  | 65       | 75.0 | 0   | 10  | 23  | 74 | 72  | 73.0 | 0.00 |      |           |      |      |
| 27    | 86  | 63       | 74.5 | 0   | 10  | 24  | 75 | 73  | 74.0 | 0.00 |      |           |      |      |
| 28    | 82  | 66       | 74.0 | 0   | 9   | 25  | 76 | 73  | 74.5 | 0.00 |      |           |      |      |
| 29    | 84  | 66       | 75.0 | 0   | 10  | 25  | 75 | 74  | 74.5 | 0.05 |      |           |      |      |
| 30    | 80  | 56       | 68.0 | 0   | 3   | 24  | 77 | 71  | 74.0 | 0.00 |      |           |      |      |
| 31    | 81  | 54       | 67.5 | 0   | 3   | 21  | 73 | 69  | 71.0 | 0.00 |      |           |      |      |
| TOTAL |     |          |      | 0   | 268 | 726 |    |     |      | 2.47 |      |           |      |      |

|                 |      |      |      |    |    |    |      |      |      |      |
|-----------------|------|------|------|----|----|----|------|------|------|------|
| MEAN            | 84.4 | 62.8 | 73.6 | 0  | 9  | 23 | 75.4 | 71.5 | 73.4 | 0.08 |
| YEARS OF RECORD | 16   | 16   | 16   | 16 | 16 | 9  | 9    | 9    | 9    | 16   |
| MONTH AVERAGE   | 84.4 | 63.0 | 73.7 | 0  | 9  | 26 | 79.4 | 73.5 | 76.4 | 4.62 |

DEG-DAY 1=AIR TEMP UNDER 65,2=AIR TEMP OVER 65,3=4 INCH SOIL TEMP OVER 50.  
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP, EVAP, SNOW IN INCHES.  
 BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH AUGUST 1974

| DAY   | *** AIR TEMP *** |     | ** DEGREE DAY ** |   |     | *** SOIL TEMP *** |     |     | SOLAR |      |      |      |
|-------|------------------|-----|------------------|---|-----|-------------------|-----|-----|-------|------|------|------|
|       | MAX              | MIN | AVG              | 1 | 2   | 3                 | MAX | MIN | AVG   | PREC | WIND | EVAP |
| 1     | 85               | 55  | 70.0             | 0 | 5   | 23                | 75  | 70  | 72.5  | 0.00 |      |      |
| 2     | 87               | 62  | 74.5             | 0 | 10  | 24                | 75  | 72  | 73.5  | 0.00 |      |      |
| 3     | 86               | 64  | 75.0             | 0 | 10  | 24                | 75  | 72  | 73.5  | 0.64 |      |      |
| 4     | 76               | 53  | 64.5             | 1 | 0   | 21                | 73  | 68  | 70.5  | 0.32 |      |      |
| 5     | 76               | 52  | 64.0             | 1 | 0   | 20                | 72  | 68  | 70.0  | 0.00 |      |      |
| 6     | 79               | 54  | 66.5             | 0 | 2   | 21                | 73  | 69  | 71.0  | 0.00 |      |      |
| 7     | 82               | 60  | 71.0             | 0 | 6   | 21                | 72  | 70  | 71.0  | 0.00 |      |      |
| 8     | 83               | 56  | 69.5             | 0 | 5   | 22                | 73  | 71  | 72.0  | 0.66 |      |      |
| 9     |                  | 62  |                  |   |     |                   | 73  | 73  |       | 0.07 |      |      |
| 10    | 85               |     |                  |   |     |                   | 75  |     |       | 0.00 |      |      |
| 11    | 76               | 68  | 72.0             | 0 | 7   | 22                | 72  | 71  | 71.5  | 0.53 |      |      |
| 12    | 84               | 68  | 76.0             | 0 | 11  | 22                | 74  | 70  | 72.0  | 0.00 |      |      |
| 13    | 85               | 62  | 73.5             | 0 | 9   | 23                | 74  | 72  | 73.0  | 0.00 |      |      |
| 14    | 85               | 60  | 72.5             | 0 | 8   | 24                | 75  | 73  | 74.0  | 0.00 |      |      |
| 15    | 86               | 61  | 73.5             | 0 | 9   | 23                | 75  | 71  | 73.0  | 0.00 |      |      |
| 16    | 85               | 64  | 74.5             | 0 | 10  | 25                | 76  | 73  | 74.5  | 0.20 |      |      |
| 17    | 82               | 65  | 73.5             | 0 | 9   | 24                | 75  | 72  | 73.5  | 0.42 |      |      |
| 18    | 81               | 65  | 73.0             | 0 | 8   | 24                | 75  | 73  | 74.0  | 0.13 |      |      |
| 19    | 83               | 60  | 71.5             | 0 | 7   | 23                | 74  | 71  | 72.5  | 0.00 |      |      |
| 20    | 83               | 60  | 71.5             | 0 | 7   | 24                | 75  | 72  | 73.5  | 0.00 |      |      |
| 21    | 84               | 60  | 72.0             | 0 | 7   | 23                | 74  | 71  | 72.5  | 0.00 |      |      |
| 22    | 85               | 60  | 72.5             | 0 | 8   | 22                | 73  | 70  | 71.5  | 0.00 |      |      |
| 23    | 84               | 60  | 72.0             | 0 | 7   | 23                | 74  | 72  | 73.0  | 0.00 |      |      |
| 24    | 84               | 63  | 73.5             | 0 | 9   | 23                | 73  | 72  | 72.5  | 0.00 |      |      |
| 25    | 82               | 66  | 74.0             | 0 | 9   | 23                | 74  | 72  | 73.0  | 0.00 |      |      |
| 26    | 86               | 65  | 75.5             | 0 | 11  | 23                | 74  | 72  | 73.0  | 0.00 |      |      |
| 27    | 86               | 65  | 75.5             | 0 | 11  | 23                | 74  | 72  | 73.0  | 0.78 |      |      |
| 28    | 76               | 67  | 71.5             | 0 | 7   | 23                | 73  | 72  | 72.5  | 1.25 |      |      |
| 29    | 77               | 67  | 72.0             | 0 | 7   | 21                | 71  | 71  | 71.0  | 0.42 |      |      |
| 30    | 79               | 66  | 72.5             | 0 | 8   | 21                | 72  | 69  | 70.5  | 0.72 |      |      |
| 31    | 79               | 68  | 73.5             | 0 | 9   | 22                | 72  | 71  | 71.5  | 0.05 |      |      |
| TOTAL |                  |     |                  | 2 | 208 | 650               |     |     |       | 6.19 |      |      |

|                 |      |      |      |    |    |    |      |      |      |      |
|-----------------|------|------|------|----|----|----|------|------|------|------|
| MEAN            | 82.4 | 61.9 | 72.1 | 0  | 7  | 22 | 73.7 | 71.2 | 72.4 | 0.20 |
| YEARS OF RECORD | 16   | 16   | 16   | 16 | 16 | 9  | 9    | 9    | 9    | 16   |
| MONTH AVERAGE   | 83.6 | 61.6 | 72.6 | 0  | 8  | 25 | 76.9 | 72.2 | 74.6 | 3.80 |

DEG. DAY 1=AIR TEMP UNDER 65, 2=AIR TEMP OVER 65, 3=4 INCH SOIL TEMP OVER 50, SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH SEPTEMBER 1974

| DAY | ** MAX | ** AIR TEMP MIN | ** AVG | ** DEGREE DAY 1 | ** DEGREE DAY 2 | ** DEGREE DAY 3 | ** MAX | ** SOIL TEMP MIN | ** SOIL TEMP AVG | ** SOIL TEMP MAX | PREC | RAD | WIND | EVAP |
|-----|--------|-----------------|--------|-----------------|-----------------|-----------------|--------|------------------|------------------|------------------|------|-----|------|------|
| 1   | 78     | 60              | 69.0   | 0               | 4               | 22              | 73     | 71               | 72.0             | 72               | 0.72 |     |      |      |
| 2   | 76     | 62              | 69.0   | 0               | 4               | 21              | 72     | 70               | 71.0             | 72               | 0.11 |     |      |      |
| 3   | 66     | 54              | 60.0   | 5               | 0               | 20              | 72     | 67               | 69.5             | 72               | 0.44 |     |      |      |
| 4   | 66     | 46              | 56.0   | 9               | 0               | 16              | 67     | 64               | 65.5             | 67               | 0.40 |     |      |      |
| 5   | 70     | 47              | 58.5   | 7               | 0               | 15              | 66     | 64               | 65.0             | 66               | 0.00 |     |      |      |
| 6   |        | 52              |        |                 |                 |                 |        | 63               |                  |                  | 0.00 |     |      |      |
| 7   | 76     |                 |        |                 |                 |                 | 65     |                  |                  |                  | 0.00 |     |      |      |
| 8   | 76     | 56              | 66.0   | 0               | 1               | 16              | 67     | 64               | 65.5             | 67               | 0.00 |     |      |      |
| 9   | 74     | 63              | 68.5   | 0               | 4               | 18              | 70     | 66               | 68.0             | 70               | 0.15 |     |      |      |
| 10  | 77     | 64              | 70.5   | 0               | 6               | 17              | 68     | 66               | 67.0             | 68               | 0.35 |     |      |      |
| 11  | 83     | 67              | 75.0   | 0               | 10              | 19              | 70     | 67               | 68.5             | 70               | 0.00 |     |      |      |
| 12  | 81     | 64              | 72.5   | 0               | 8               | 21              | 73     | 68               | 70.5             | 73               | 0.52 |     |      |      |
| 13  | 81     | 63              | 72.0   | 0               | 7               | 21              | 72     | 70               | 71.0             | 72               | 0.11 |     |      |      |
| 14  | 67     | 51              | 59.0   | 6               | 0               | 19              | 71     | 67               | 69.0             | 71               | 0.29 |     |      |      |
| 15  | 69     | 45              | 57.0   | 8               | 0               | 22              | 74     | 70               | 72.0             | 74               | 0.00 |     |      |      |
| 16  | 69     | 48              | 58.5   | 7               | 0               | 17              | 68     | 65               | 66.5             | 68               | 0.00 |     |      |      |
| 17  | 74     | 54              | 64.0   | 1               | 0               | 15              | 66     | 64               | 65.0             | 66               | 0.05 |     |      |      |
| 18  | 77     | 55              | 66.0   | 0               | 1               | 17              | 68     | 65               | 66.5             | 68               | 0.00 |     |      |      |
| 19  | 80     | 55              | 67.5   | 0               | 3               | 16              | 67     | 65               | 66.0             | 67               | 0.00 |     |      |      |
| 20  | 77     | 63              | 70.0   | 0               | 5               | 17              | 68     | 66               | 67.0             | 68               | 0.00 |     |      |      |
| 21  | 73     | 52              | 62.5   | 3               | 0               | 17              | 69     | 65               | 67.0             | 69               | 0.90 |     |      |      |
| 22  | 59     | 47              | 53.0   | 12              | 0               | 15              | 66     | 63               | 64.5             | 66               | 0.00 |     |      |      |
| 23  | 57     | 35              | 46.0   | 19              | 0               | 12              | 64     | 60               | 62.0             | 64               | 0.00 |     |      |      |
| 24  | 67     | 37              | 52.0   | 13              | 0               | 10              | 62     | 58               | 60.0             | 62               | 0.00 |     |      |      |
| 25  | 68     | 52              | 60.0   | 5               | 0               | 10              | 60     | 59               | 59.5             | 60               | 0.00 |     |      |      |
| 26  | 70     | 47              | 58.5   | 7               | 0               | 12              | 63     | 60               | 61.5             | 63               | 0.00 |     |      |      |
| 27  | 66     | 50              | 58.0   | 7               | 0               | 11              | 62     | 60               | 61.0             | 62               | 0.23 |     |      |      |
| 28  | 75     | 63              | 69.0   | 0               | 4               | 11              | 63     | 58               | 60.5             | 63               | 0.05 |     |      |      |
| 29  | 68     | 45              | 56.5   | 9               | 0               | 12              | 64     | 60               | 62.0             | 64               | 0.38 |     |      |      |
| 30  | 62     | 42              | 52.0   | 13              | 0               | 9               | 60     | 58               | 59.0             | 60               | 0.00 |     |      |      |

|         |      |      |      |      |
|---------|------|------|------|------|
| TOTAL   | 129  | 55   | 443  | 4.70 |
| MEAN    | 71.8 | 53.1 | 62.4 | 5    |
| RECORD  | 16   | 16   | 16   | 16   |
| MONTH   | 16   | 16   | 16   | 16   |
| AVERAGE | 78.7 | 55.9 | 67.3 | 2    |
|         | 19   | 71.1 | 67.4 | 69.2 |
|         | 3.10 |      |      |      |

DEG.DAY 1=AIR TEMP UNDER 65.2=AIR TEMP OVER 65.3=4 INCH SOIL TEMP OVER 50.  
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP, EVAP, SNOW IN INCHES  
 BLANK=MISSING OBSERVATION



OHIO MONTHLY WEATHER REPORT SOUTHERN BRANCH OCTOBER 1974

\*\*\* AIR TEMP \*\*\* \*\* DEGREE DAY \*\*\* \*\* SOIL TEMP \*\*\* SOLAR  
 MAX MIN AVG 1 2 3 MAX MIN AVG PREC RAU WIND EVAP

| DAY | MAX | MIN | AVG  | 1  | 2 | 3 | MAX | MIN | AVG  | PREC | RAU | WIND | EVAP |
|-----|-----|-----|------|----|---|---|-----|-----|------|------|-----|------|------|
| 1   | 60. | 33  | 46.5 | 19 | 0 | 8 | 60  | 55  | 57.5 | 0.00 |     |      |      |
| 2   | 60  | 31  | 45.5 | 20 | 0 | 6 | 57  | 54  | 55.5 | 0.00 |     |      |      |
| 3   | 54  | 26  | 40.0 | 25 | 0 | 4 | 56  | 51  | 53.5 | 0.00 |     |      |      |
| 4   | 67  | 31  | 49.0 | 16 | 0 | 3 | 54  | 51  | 52.5 | 0.00 |     |      |      |
| 5   | 72  | 45  | 58.5 | 7  | 0 | 3 | 54  | 51  | 52.5 | 0.00 |     |      |      |
| 6   | 76  | 43  | 59.5 | 6  | 0 | 5 | 56  | 53  | 54.5 | 0.00 |     |      |      |
| 7   | 66  | 49  | 57.5 | 8  | 0 | 7 | 57  | 56  | 56.5 | 0.00 |     |      |      |
| 8   | 61  | 32  | 46.5 | 19 | 0 | 6 | 58  | 53  | 55.5 | 0.00 |     |      |      |
| 9   | 68  | 36  | 52.0 | 13 | 0 | 4 | 55  | 52  | 53.5 | 0.00 |     |      |      |
| 10  | 72  | 41  | 56.5 | 9  | 0 | 5 | 56  | 53  | 54.5 | 0.00 |     |      |      |
| 11  | 76  | 44  | 60.0 | 5  | 0 | 5 | 55  | 54  | 54.5 | 0.00 |     |      |      |
| 12  | 76  | 54  | 65.0 | 0  | 0 | 6 | 57  | 55  | 56.0 | 0.00 |     |      |      |
| 13  | 71  | 54  | 62.5 | 3  | 0 | 7 | 59  | 55  | 57.0 | 0.02 |     |      |      |
| 14  | 73  | 60  | 66.5 | 0  | 2 | 9 | 60  | 57  | 58.5 | 0.02 |     |      |      |
| 15  | 66  | 49  | 57.5 | 8  | 0 | 8 | 59  | 57  | 58.0 | 0.41 |     |      |      |
| 16  | 60  | 46  | 53.0 | 12 | 0 | 8 | 59  | 56  | 57.5 | 0.38 |     |      |      |
| 17  | 68  | 40  | 54.0 | 11 | 0 | 5 | 56  | 54  | 55.0 | 0.00 |     |      |      |
| 18  | 67  | 37  | 52.0 | 13 | 0 | 5 | 56  | 53  | 54.5 | 0.00 |     |      |      |
| 19  | 49  | 31  | 40.0 | 25 | 0 | 3 | 54  | 51  | 52.5 | 0.00 |     |      |      |
| 20  | 46  | 33  | 39.5 | 26 | 0 | 1 | 51  | 50  | 50.5 | 0.08 |     |      |      |
| 21  | 51  | 23  | 37.0 | 28 | 0 | 0 | 51  | 45  | 48.0 | 0.00 |     |      |      |
| 22  | 63  | 29  | 46.0 | 19 | 0 | 0 | 48  | 45  | 46.5 | 0.00 |     |      |      |
| 23  | 69  | 40  | 54.5 | 11 | 0 | 0 | 50  | 46  | 48.0 | 0.00 |     |      |      |
| 24  | 67  | 52  | 59.5 | 6  | 0 | 0 | 52  | 48  | 50.0 | 0.00 |     |      |      |
| 25  | 69  | 52  | 60.5 | 5  | 0 | 2 | 54  | 49  | 51.5 | 0.00 |     |      |      |
| 26  | 69  | 39  | 54.0 | 11 | 0 | 4 | 54  | 53  | 53.5 | 0.02 |     |      |      |
| 27  | 67  | 35  | 51.0 | 14 | 0 | 3 | 55  | 50  | 52.5 | 0.00 |     |      |      |
| 28  | 73  | 40  | 56.5 | 9  | 0 | 2 | 54  | 50  | 52.0 | 0.00 |     |      |      |
| 29  | 73  | 55  | 64.0 | 1  | 0 | 2 | 53  | 51  | 52.0 | 0.00 |     |      |      |
| 30  | 71  | 51  | 61.0 | 4  | 0 | 3 | 55  | 51  | 53.0 | 0.09 |     |      |      |
| 31  | 78  | 55  | 66.5 | 0  | 2 | 4 | 57  | 51  | 54.0 | 0.00 |     |      |      |

|                 |      |      |      |    |    |   |                     |
|-----------------|------|------|------|----|----|---|---------------------|
| TOTAL           | 346  | 3    | 119  |    |    |   | 1.02                |
| MEAN            | 66.4 | 41.5 | 53.9 | 11 | 0  | 4 | 55.2 51.9 53.6 0.03 |
| YEARS OF RECORD | 16   | 16   | 16   | 16 | 16 | 9 | 9 9 9 16            |
| MONTH           |      |      |      |    |    |   |                     |
| AVERAGE         | 68.7 | 45.0 | 56.9 | 9  | 1  | 9 | 60.1 56.5 58.3 2.25 |

DEG. DAY 1=AIR TEMP UNDER 65, 2=AIR TEMP OVER 65, 3=4 INCH SOIL TEMP OVER 50.  
 SOLAR RADIATION IN GRAM CAL/CM2. WIND IN MILES. PRECIP., EVAP., SNOW IN INCHES