

OHIO MONTHLY WEATHER REPORT EASTERN BRANCH JANUARY 1978

| DAY             | MAX  | AIR TEMP | MIN  | AVG  | 1      | 2   | 3    | MAX  | MIN  | AVG  | PREC | SOLAR RAD | WIND | SNOW |
|-----------------|------|----------|------|------|--------|-----|------|------|------|------|------|-----------|------|------|
|                 |      | ***      | **   | ***  | DEGREE | DAY | ***  | ***  | SOIL | TEMP | ***  |           |      |      |
|                 |      | MAX      | MIN  | AVG  | 1      | 2   | 3    | MAX  | MIN  | AVG  | PREC | SOLAR RAD | WIND | SNOW |
| 1               | 36   | 18       | 27.0 | 38   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 2               | 22   | 12       | 17.0 | 48   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 3               | 20   | 10       | 15.0 | 50   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 4               | 18   | 8        | 13.0 | 52   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 5               | 28   | 15       | 21.5 | 44   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 6               | 34   | 12       | 23.0 | 42   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 7               | 38   | 18       | 28.0 | 37   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 8               | 32   | 10       | 21.0 | 44   | 0      | 0   | 0.10 | 0.00 |      |      |      |           |      |      |
| 9               | 12   | 0        | 6.0  | 59   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 10              | 9    | -6       | 1.5  | 64   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 11              | 15   | -2       | 6.5  | 59   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 12              | 19   | 2        | 10.5 | 55   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 13              | 30   | 14       | 22.0 | 43   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 14              | 20   | 10       | 15.0 | 50   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 15              | 18   | 12       | 15.0 | 50   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 16              | 20   | 10       | 15.0 | 50   | 0      | 0   | 1.00 | 1.00 |      |      |      |           |      |      |
| 17              | 22   | 8        | 15.0 | 50   | 0      | 0   | 1.00 | 1.00 |      |      |      |           |      |      |
| 18              | 25   | 15       | 20.0 | 45   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 19              | 20   | 18       | 19.0 | 46   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 20              | 22   | 14       | 18.0 | 47   | 0      | 0   | 2.00 | 2.00 |      |      |      |           |      |      |
| 21              | 25   | 12       | 18.5 | 47   | 0      | 0   | 1.00 | 1.00 |      |      |      |           |      |      |
| 22              | 30   | 24       | 27.0 | 38   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 23              | 34   | -2       | 16.0 | 49   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 24              | 30   | 20       | 25.0 | 40   | 0      | 0   | 1.00 | 1.00 |      |      |      |           |      |      |
| 25              | 34   | 26       | 30.0 | 35   | 0      | 0   | 1.00 | 1.00 |      |      |      |           |      |      |
| 26              | 5    | 3        | 4.0  | 61   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 27              | 10   | 5        | 7.5  | 58   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 28              | 14   | 10       | 12.0 | 53   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 29              | 15   | 6        | 10.5 | 55   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 30              | 20   | 8        | 14.0 | 51   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| 31              | 15   | 0        | 7.5  | 58   | 0      | 0   | 0.00 | 0.00 |      |      |      |           |      |      |
| TOTAL           |      |          |      | 1514 | 0      | 0   | 7.10 | 7.10 |      |      |      |           |      |      |
| MEAN            | 22.3 | 10.0     | 16.2 | 49   | 0      | 0   | 0.23 | 0.23 |      |      |      |           |      |      |
| YEARS OF RECORD | 11   | 11       | 11   | 11   | 11     | 11  | 11   | 11   | 1    | 1    |      |           |      |      |
| MONTH           |      |          |      |      |        |     |      |      |      |      |      |           |      |      |
| AVERAGE         | 34.6 | 18.3     | 26.5 | 39   | 0      | 0   | 2.60 | 2.60 |      |      |      |           |      | 0.00 |

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      EASTERN BRANCH      FEBRUARY      1978

| DAY             | **<br>MAX | AIR<br>TEMP<br>MIN | ***<br>AVG | **<br>DEGREE | DAY | ***<br>MAX | ***<br>MIN | ***<br>AVG | PREC | SOLAR<br>RAD | WIND | SNOW |
|-----------------|-----------|--------------------|------------|--------------|-----|------------|------------|------------|------|--------------|------|------|
| 1               | 16        | -4                 | 6.0        | 59           | 0   |            |            |            | 0.00 |              |      |      |
| 2               | 28        | 7                  | 17.5       | 48           | 0   |            |            |            | 0.00 |              |      |      |
| 3               | 26        | 5                  | 15.5       | 50           | 0   |            |            |            | 0.00 |              |      |      |
| 4               | 28        | 4                  | 16.0       | 49           | 0   |            |            |            | 0.00 |              |      |      |
| 5               | 27        | 6                  | 16.5       | 49           | 0   |            |            |            | 0.00 |              |      |      |
| 6               | 18        | 5                  | 11.5       | 54           | 0   |            |            |            | 0.00 |              |      |      |
| 7               | 15        | -4                 | 5.5        | 60           | 0   |            |            |            | 0.00 |              |      |      |
| 8               | 30        | 5                  | 17.5       | 48           | 0   |            |            |            | 0.00 |              |      |      |
| 9               | 31        | 8                  | 19.5       | 46           | 0   |            |            |            | 0.00 |              |      |      |
| 10              | 29        | 4                  | 16.5       | 49           | 0   |            |            |            | 0.00 |              |      |      |
| 11              | 28        | 14                 | 21.0       | 44           | 0   |            |            |            | 0.00 |              |      |      |
| 12              | 34        | 17                 | 25.5       | 40           | 0   |            |            |            | 0.00 |              |      |      |
| 13              | 29        | 15                 | 22.0       | 43           | 0   |            |            |            | 0.00 |              |      |      |
| 14              | 22        | 10                 | 16.0       | 49           | 0   |            |            |            | 0.00 |              |      |      |
| 15              | 14        | 2                  | 8.0        | 57           | 0   |            |            |            | 0.00 |              |      |      |
| 16              | 28        | 10                 | 19.0       | 46           | 0   |            |            |            | 0.00 |              |      |      |
| 17              | 34        | 15                 | 24.5       | 41           | 0   |            |            |            | 0.00 |              |      |      |
| 18              | 31        | 15                 | 23.0       | 42           | 0   |            |            |            | 0.00 |              |      |      |
| 19              | 27        | 2                  | 14.5       | 51           | 0   |            |            |            | 0.00 |              |      |      |
| 20              | 33        | -1                 | 16.0       | 49           | 0   |            |            |            | 0.00 |              |      |      |
| 21              | 28        | 10                 | 19.0       | 46           | 0   |            |            |            | 0.00 |              |      |      |
| 22              | 26        | 2                  | 14.0       | 51           | 0   |            |            |            | 0.00 |              |      |      |
| 23              | 28        | -4                 | 12.0       | 53           | 0   |            |            |            | 0.00 |              |      |      |
| 24              | 26        | 0                  | 13.0       | 52           | 0   |            |            |            | 0.00 |              |      |      |
| 25              | 38        | 15                 | 26.5       | 39           | 0   |            |            |            | 0.00 |              |      |      |
| 26              | 31        | 19                 | 25.0       | 40           | 0   |            |            |            | 0.00 |              |      |      |
| 27              | 34        | 17                 | 25.5       | 40           | 0   |            |            |            | 0.00 |              |      |      |
| 28              | 40        | 15                 | 27.5       | 38           | 0   |            |            |            | 0.00 |              |      |      |
| TOTAL           |           |                    |            | 1326         | 0   |            |            |            | 0.00 |              |      |      |
| MEAN            | 27.8      | 7.5                | 17.6       | 47           | 0   |            |            |            | 0.00 |              |      |      |
| YEARS OF RECORD | 11        | 11                 | 11         | 11           | 11  |            |            |            | 11   |              |      |      |
| MONTH AVERAGE   | 40.4      | 22.0               | 31.2       | 34           | 0   |            |            |            | 1.75 |              |      |      |

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 EASTERN BRANCH NOVEMBER 1978

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

| DAY   | MAX | MIN | AVG  | 1   | 2 | 3 | MAX  | MIN | AVG | PREC | RAD | WIND | SNOW |
|-------|-----|-----|------|-----|---|---|------|-----|-----|------|-----|------|------|
| 1     | 71  | 47  | 59.0 | 6   | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 2     | 60  | 34  | 47.0 | 18  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 3     | 65  | 42  | 53.5 | 12  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 4     | 70  | 43  | 56.5 | 9   | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 5     | 70  | 45  | 57.5 | 8   | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 6     | 70  | 50  | 60.0 | 5   | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 7     | 71  | 47  | 59.0 | 6   | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 8     | 47  | 33  | 40.0 | 25  | 0 | 0 | 0.15 |     |     | 0.00 |     |      |      |
| 9     | 53  | 38  | 45.5 | 20  | 0 | 0 | 0.03 |     |     | 0.00 |     |      |      |
| 10    | 45  | 32  | 38.5 | 27  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 11    | 59  | 36  | 47.5 | 18  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 12    | 66  | 53  | 59.5 | 6   | 0 | 0 | 0.04 |     |     | 0.00 |     |      |      |
| 13    | 54  | 49  | 51.5 | 14  | 0 | 0 | 0.08 |     |     | 0.00 |     |      |      |
| 14    | 64  | 59  | 61.5 | 4   | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 15    | 62  | 39  | 50.5 | 15  | 0 | 0 | 0.07 |     |     | 0.25 |     |      |      |
| 16    | 45  | 42  | 43.5 | 22  | 0 | 0 | 0.26 |     |     | 0.27 |     |      |      |
| 17    | 56  | 42  | 49.0 | 16  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 18    | 65  | 45  | 55.0 | 10  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 19    | 46  | 42  | 44.0 | 21  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 20    | 52  | 32  | 42.0 | 23  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 21    | 48  | 39  | 43.5 | 22  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 22    | 47  | 39  | 43.0 | 22  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 23    | 48  | 38  | 43.0 | 22  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 24    | 56  | 38  | 47.0 | 18  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 25    | 55  | 40  | 47.5 | 18  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 26    | 57  | 43  | 50.0 | 15  | 0 | 0 | 0.00 |     |     | 0.15 |     |      |      |
| 27    | 37  | 34  | 35.5 | 30  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 28    | 38  | 32  | 35.0 | 30  | 0 | 0 | 0.00 |     |     | 0.25 |     |      |      |
| 29    | 40  | 35  | 37.5 | 28  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| 30    | 42  | 38  | 40.0 | 25  | 0 | 0 | 0.00 |     |     | 0.00 |     |      |      |
| TOTAL |     |     |      | 508 | 0 | 0 | 1.55 |     |     |      |     |      |      |

|                 |      |      |      |    |    |    |      |  |  |  |  |  |      |
|-----------------|------|------|------|----|----|----|------|--|--|--|--|--|------|
| MEAN            | 55.3 | 40.9 | 48.1 | 17 | 0  | 0  | 0.05 |  |  |  |  |  |      |
| YEARS OF RECORD | 12   | 12   | 12   | 12 | 12 | 12 | 12   |  |  |  |  |  | 1    |
| MONTH AVERAGE   | 52.3 | 35.6 | 43.9 | 21 | 0  | 0  | 2.39 |  |  |  |  |  | 0.00 |

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 EASTERN BRANCH DECEMBER 1978

| DAY | MAX | AIR TEMP<br>MIN | AVG  | 1  | 2 | 3 | MAX | SOIL TEMP<br>MIN | AVG | PREC | SOLAR<br>RAD | WIND | SNOW |
|-----|-----|-----------------|------|----|---|---|-----|------------------|-----|------|--------------|------|------|
| 1   | 40  | 35              | 37.5 | 28 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 2   | 44  | 23              | 33.5 | 32 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 3   | 41  | 37              | 39.0 | 26 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 4   | 42  | 37              | 39.5 | 26 | 0 |   |     |                  |     | 0.99 |              |      |      |
| 5   | 46  | 37              | 41.5 | 24 | 0 |   |     |                  |     | 0.57 |              |      |      |
| 6   | 47  | 41              | 44.0 | 21 | 0 |   |     |                  |     | 1.00 |              |      |      |
| 7   | 41  | 39              | 40.0 | 25 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 8   | 42  | 38              | 40.0 | 25 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 9   | 46  | 39              | 42.5 | 23 | 0 |   |     |                  |     | 0.57 |              |      |      |
| 10  | 47  | 43              | 45.0 | 20 | 0 |   |     |                  |     | 1.76 |              |      |      |
| 11  | 44  | 38              | 41.0 | 24 | 0 |   |     |                  |     | 1.10 |              |      |      |
| 12  | 38  | 36              | 37.0 | 28 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 13  | 38  | 36              | 37.0 | 28 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 14  | 39  | 36              | 37.5 | 28 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 15  | 36  | 32              | 34.0 | 31 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 16  | 36  | 34              | 35.0 | 30 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 17  | 38  | 34              | 36.0 | 29 | 0 |   |     |                  |     | 0.19 |              |      |      |
| 18  | 38  | 35              | 36.5 | 29 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 19  | 36  | 33              | 34.5 | 31 | 0 |   |     |                  |     | 1.10 |              |      |      |
| 20  | 36  | 35              | 35.5 | 30 | 0 |   |     |                  |     | 0.23 |              |      |      |
| 21  | 42  | 34              | 38.0 | 27 | 0 |   |     |                  |     | 0.28 |              |      |      |
| 22  | 41  | 36              | 38.5 | 27 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 23  |     |                 |      |    |   |   |     |                  |     |      |              |      |      |
| 24  | 37  | 34              | 35.5 | 30 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 25  | 38  | 27              | 32.5 | 33 | 0 |   |     |                  |     | 0.29 |              |      |      |
| 26  | 28  | 23              | 25.5 | 40 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 27  | 30  | 16              | 23.0 | 42 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 28  | 23  | 8               | 15.5 | 50 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 29  | 26  | 16              | 21.0 | 44 | 0 |   |     |                  |     | 0.00 |              |      |      |
| 30  | 40  | 32              | 36.0 | 29 | 0 |   |     |                  |     | 0.07 |              |      |      |
| 31  | 45  | 32              | 38.5 | 27 | 0 |   |     |                  |     | 0.08 |              |      |      |

|                 |      |      |      |     |    |    |  |  |  |      |  |  |      |
|-----------------|------|------|------|-----|----|----|--|--|--|------|--|--|------|
| TOTAL           |      |      |      | 880 | 0  |    |  |  |  | 8.23 |  |  |      |
| MEAN            | 38.8 | 32.5 | 35.7 | 29  | 0  |    |  |  |  | 0.27 |  |  |      |
| YEARS OF RECORD | 12   | 12   | 12   | 12  | 12 | 12 |  |  |  |      |  |  | 12   |
| MONTH AVERAGE   | 42.0 | 26.6 | 34.3 | 31  | 0  |    |  |  |  |      |  |  | 3.05 |

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. (NOV.-MAR. AT 10 METERS,  
 APR.-OCT. AT 1 METER) PRECIP, EVAP, SNOW IN INCHES. BLANK=MISSING OBSERVATION

OHIO MONTHLY WEATHER REPORT EASTERN BRANCH MARCH 1978

| DAY   | MAX | AIR TEMP | MIN  | AVG    | 1   | 2    | 3   | MAX  | MIN  | AVG | PREC | SOLAR | WIND | SNOW |
|-------|-----|----------|------|--------|-----|------|-----|------|------|-----|------|-------|------|------|
|       |     | ***      | **   | DEGREE | DAY | ***  | *** | SOIL | TEMP | *** | PREC | RAD   |      |      |
| 1     | 36  | 5        | 20.5 | 45     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 2     | 35  | 3        | 19.0 | 46     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 3     | 24  | 4        | 14.0 | 51     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 4     | 29  | 6        | 17.5 | 48     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 5     | 26  | 2        | 14.0 | 51     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 6     | 42  | 14       | 28.0 | 37     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 7     | 30  | 7        | 18.5 | 47     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 8     | 36  | 26       | 31.0 | 34     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 9     | 46  | 25       | 35.5 | 30     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 10    | 44  | 20       | 32.0 | 33     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 11    | 50  | 26       | 38.0 | 27     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 12    | 48  | 22       | 35.0 | 30     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 13    | 51  | 33       | 42.0 | 23     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 14    | 54  | 37       | 45.5 | 20     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 15    | 46  | 36       | 41.0 | 24     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 16    | 41  | 30       | 35.5 | 30     | 0   | 0.15 |     |      |      |     |      |       |      |      |
| 17    | 40  | 28       | 34.0 | 31     | 0   | 0.10 |     |      |      |     |      |       |      |      |
| 18    | 45  | 30       | 37.5 | 28     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 19    | 48  | 26       | 37.0 | 28     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 20    | 50  | 28       | 39.0 | 26     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 21    | 55  | 30       | 42.5 | 23     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 22    | 50  | 33       | 41.5 | 24     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 23    | 55  | 34       | 44.5 | 21     | 0   | 0.10 |     |      |      |     |      |       |      |      |
| 24    | 48  | 35       | 41.5 | 24     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 25    | 45  | 36       | 40.5 | 25     | 0   | 0.90 |     |      |      |     |      |       |      |      |
| 26    | 42  | 35       | 38.5 | 27     | 0   | 0.80 |     |      |      |     |      |       |      |      |
| 27    | 46  | 36       | 41.0 | 24     | 0   | 0.47 |     |      |      |     |      |       |      |      |
| 28    | 52  | 40       | 46.0 | 19     | 0   | 0.10 |     |      |      |     |      |       |      |      |
| 29    | 61  | 42       | 51.5 | 14     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 30    | 51  | 26       | 38.5 | 27     | 0   | 0.00 |     |      |      |     |      |       |      |      |
| 31    | 75  | 43       | 59.0 | 6      | 0   | 0.00 |     |      |      |     |      |       |      |      |
| TOTAL |     |          | 916  | 0      |     | 2.62 |     |      |      |     |      |       |      |      |

|                 |      |      |      |    |    |      |
|-----------------|------|------|------|----|----|------|
| MEAN            | 45.2 | 25.7 | 35.5 | 30 | 0  | 0.08 |
| YEARS OF RECORD | 11   | 11   | 11   | 11 | 11 | 11   |
| MONTH           |      |      |      |    |    |      |
| AVERAGE         | 51.5 | 31.4 | 41.5 | 24 | 0  | 2.75 |

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 EASTERN BRANCH APRIL 1978

| DAY   | MAX | AIR TEMP | MIN  | Avg | ** | DEGREE | DAY | ** | SOIL | TEMP | ***  | PREC | RAD | WIND | EVAP |
|-------|-----|----------|------|-----|----|--------|-----|----|------|------|------|------|-----|------|------|
|       |     | MIN      |      |     |    | 1      | 2   | 3  | MAX  | MIN  | AVG  |      |     |      |      |
| 1     | 48  | 35       | 41.5 | 24  | 0  |        |     |    |      | 49   | 51.0 | 0.00 |     |      | 0.00 |
| 2     | 51  | 35       | 43.0 | 22  | 0  |        |     |    |      | 50   | 55.5 | 0.00 |     |      | 0.00 |
| 3     | 71  | 41       | 56.0 | 9   | 0  |        |     |    |      | 49   | 53.5 | 0.13 |     |      | 0.13 |
| 4     | 68  | 40       | 54.0 | 11  | 0  |        |     |    |      | 48   | 52.0 | 0.15 |     |      | 0.15 |
| 5     | 59  | 42       | 50.5 | 15  | 0  |        |     | 1  | 53   | 49   | 51.0 | 0.00 |     |      | 0.00 |
| 6     | 56  | 40       | 48.0 | 17  | 0  |        |     | 6  | 61   | 50   | 55.5 | 0.00 |     |      | 0.00 |
| 7     | 55  | 38       | 46.5 | 19  | 0  |        |     | 4  | 58   | 49   | 53.5 | 0.00 |     |      | 0.00 |
| 8     | 51  | 40       | 45.5 | 20  | 0  |        |     | 2  | 56   | 48   | 52.0 | 0.00 |     |      | 0.00 |
| 9     | 55  | 42       | 48.5 | 17  | 0  |        |     | 0  | 50   | 42   | 46.0 | 0.00 |     |      | 0.00 |
| 10    | 60  | 48       | 54.0 | 11  | 0  |        |     | 5  | 60   | 50   | 55.0 | 0.00 |     |      | 0.00 |
| 11    | 62  | 50       | 56.0 | 9   | 0  |        |     | 5  | 62   | 48   | 55.0 | 0.00 |     |      | 0.00 |
| 12    | 60  | 48       | 54.0 | 11  | 0  |        |     | 4  | 58   | 50   | 54.0 | 0.00 |     |      | 0.00 |
| 13    | 64  | 52       | 58.0 | 7   | 0  |        |     | 2  | 56   | 47   | 51.5 | 0.00 |     |      | 0.00 |
| 14    | 61  | 35       | 48.0 | 17  | 0  |        |     | 4  | 59   | 49   | 54.0 | 0.00 |     |      | 0.00 |
| 15    | 59  | 38       | 48.5 | 17  | 0  |        |     | 4  | 58   | 49   | 53.5 | 0.00 |     |      | 0.00 |
| 16    | 62  | 36       | 49.0 | 16  | 0  |        |     | 1  | 56   | 45   | 50.5 | 0.00 |     |      | 0.00 |
| 17    | 60  | 35       | 47.5 | 18  | 0  |        |     | 2  | 53   | 50   | 51.5 | 0.00 |     |      | 0.00 |
| 18    | 58  | 45       | 51.5 | 14  | 0  |        |     | 0  | 52   | 48   | 49.5 | 0.65 |     |      | 0.65 |
| 19    | 57  | 45       | 51.0 | 14  | 0  |        |     | 0  | 51   | 44   | 45.5 | 0.15 |     |      | 0.15 |
| 20    | 46  | 43       | 44.5 | 21  | 0  |        |     | 0  | 47   | 44   | 45.5 | 0.10 |     |      | 0.10 |
| 21    | 52  | 48       | 50.0 | 15  | 0  |        |     | 0  | 50   | 42   | 46.0 | 0.05 |     |      | 0.05 |
| 22    | 47  | 44       | 45.5 | 20  | 0  |        |     | 0  | 50   | 40   | 45.0 | 0.15 |     |      | 0.15 |
| 23    | 57  | 42       | 49.5 | 16  | 0  |        |     | 0  | 50   | 46   | 48.0 | 0.08 |     |      | 0.08 |
| 24    | 56  | 42       | 49.0 | 16  | 0  |        |     | 3  | 59   | 47   | 53.0 | 0.12 |     |      | 0.12 |
| 25    | 62  | 50       | 56.0 | 9   | 0  |        |     | 2  | 53   | 50   | 51.5 | 0.25 |     |      | 0.25 |
| 26    | 52  | 50       | 51.0 | 14  | 0  |        |     | 0  | 52   | 47   | 49.5 | 0.00 |     |      | 0.00 |
| 27    | 61  | 41       | 51.0 | 14  | 0  |        |     | 3  | 60   | 46   | 53.0 | 0.00 |     |      | 0.00 |
| 28    | 66  | 39       | 52.5 | 13  | 0  |        |     | 5  | 61   | 48   | 54.5 | 0.00 |     |      | 0.00 |
| 29    | 66  | 43       | 54.5 | 11  | 0  |        |     | 5  | 60   | 49   | 54.5 | 0.00 |     |      | 0.00 |
| 30    | 70  | 43       | 56.5 | 9   | 0  |        |     | 5  | 60   | 49   | 54.5 | 0.00 |     |      | 0.00 |
| TOTAL |     |          |      | 439 | 0  |        |     | 54 |      |      |      | 1.83 |     |      |      |

|                 |      |      |      |    |    |   |      |      |      |      |
|-----------------|------|------|------|----|----|---|------|------|------|------|
| MEAN            | 58.4 | 42.3 | 50.4 | 15 | 0  | 3 | 55.4 | 47.2 | 51.4 | 0.06 |
| YEARS OF RECORD | 11   | 11   | 11   | 11 | 11 | 1 | 1    | 1    | 1    | 11   |
| MONTH AVERAGE   | 63.8 | 41.9 | 53.0 | 13 | 1  | 3 | 55.4 | 47.2 | 51.4 | 3.23 |

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 EASTERN BRANCH MAY 1978

| DAY | MAX | AIR TEMP<br>MIN | AVG  | 1  | 2  | 3  | MAX | MIN | AVG  | PREC | RAD | WIND | EVAP |
|-----|-----|-----------------|------|----|----|----|-----|-----|------|------|-----|------|------|
| 1   | 58  | 30              | 44.0 | 21 | 0  | 0  | 52  | 45  | 48.5 | 0.00 |     |      |      |
| 2   | 52  | 33              | 42.5 | 23 | 0  | 2  | 55  | 48  | 51.5 | 0.00 |     |      |      |
| 3   | 54  | 30              | 42.0 | 23 | 0  | 0  | 54  | 45  | 49.5 | 0.00 |     |      |      |
| 4   | 61  | 34              | 47.5 | 18 | 0  | 5  | 60  | 50  | 55.0 | 0.10 |     |      |      |
| 5   | 52  | 47              | 49.5 | 16 | 0  | 1  | 52  | 49  | 50.5 | 0.49 |     |      |      |
| 6   | 57  | 47              | 52.0 | 13 | 0  | 0  | 50  | 48  | 49.0 | 0.06 |     |      |      |
| 7   | 59  | 53              | 56.0 | 9  | 0  | 0  | 51  | 46  | 48.5 | 0.00 |     |      |      |
| 8   | 57  | 50              | 53.5 | 12 | 0  | 0  | 52  | 48  | 50.0 | 0.15 |     |      |      |
| 9   | 60  | 56              | 58.0 | 7  | 0  | 3  | 56  | 49  | 52.5 | 0.58 |     |      |      |
| 10  | 68  | 51              | 59.5 | 6  | 0  | 5  | 57  | 52  | 54.5 | 0.28 |     |      |      |
| 11  | 68  | 54              | 61.0 | 4  | 0  | 3  | 56  | 50  | 53.0 | 0.00 |     |      |      |
| 12  | 70  | 52              | 61.0 | 4  | 0  | 1  | 54  | 48  | 51.0 | 0.00 |     |      |      |
| 13  | 70  | 60              | 65.0 | 0  | 0  | 2  | 55  | 49  | 52.0 | 0.71 |     |      |      |
| 14  | 65  | 48              | 56.5 | 9  | 0  | 6  | 57  | 54  | 55.5 | 0.13 |     |      |      |
| 15  | 52  | 47              | 49.5 | 16 | 0  | 4  | 55  | 52  | 53.5 | 0.00 |     |      |      |
| 16  | 60  | 52              | 56.0 | 9  | 0  | 3  | 56  | 50  | 53.0 | 0.00 |     |      |      |
| 17  | 63  | 53              | 58.0 | 7  | 0  | 4  | 56  | 51  | 53.5 | 0.16 |     |      |      |
| 18  | 67  | 59              | 63.0 | 2  | 0  | 5  | 57  | 52  | 54.5 | 0.08 |     |      |      |
| 19  | 73  | 54              | 63.5 | 2  | 0  | 8  | 61  | 54  | 57.5 | 0.17 |     |      |      |
| 20  | 84  | 59              | 71.5 | 0  | 7  | 12 | 69  | 55  | 62.0 | 0.00 |     |      |      |
| 21  | 84  | 59              | 71.5 | 0  | 7  | 15 | 70  | 60  | 65.0 | 0.10 |     |      |      |
| 22  | 67  | 48              | 57.5 | 8  | 0  | 14 | 68  | 60  | 64.0 | 0.00 |     |      |      |
| 23  | 78  | 58              | 68.0 | 0  | 3  | 13 | 68  | 57  | 62.5 | 0.00 |     |      |      |
| 24  | 67  | 64              | 65.5 | 0  | 1  | 12 | 63  | 61  | 62.0 | 0.31 |     |      |      |
| 25  | 71  | 56              | 63.5 | 2  | 0  | 12 | 63  | 61  | 62.0 | 0.00 |     |      |      |
| 26  | 82  | 58              | 70.0 | 0  | 5  | 16 | 72  | 60  | 66.0 | 0.00 |     |      |      |
| 27  | 85  | 59              | 72.0 | 0  | 7  | 21 | 75  | 67  | 71.0 | 0.00 |     |      |      |
| 28  | 87  | 65              | 76.0 | 0  | 11 | 21 | 76  | 65  | 70.5 | 0.00 |     |      |      |
| 29  | 86  | 64              | 75.0 | 0  | 10 | 22 | 77  | 66  | 71.5 | 0.00 |     |      |      |
| 30  | 88  | 66              | 77.0 | 0  | 12 | 22 | 77  | 67  | 72.0 | 0.00 |     |      |      |
| 31  | 85  | 66              | 75.5 | 0  | 11 | 22 | 76  | 67  | 71.5 | 0.14 |     |      |      |

TOTAL 206 72 248 3.46

MEAN 68.7 52.6 60.7 7 2 9 61.3 54.4 57.8 0.11  
 YEARS OF RECORD 11 11 11 11 11 1 1 1 1 11  
 MONTHLY AVERAGE 72.6 47.8 60.2 6 1 9 61.3 54.4 57.8 3.92

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.  
 CLARIFIED BY OBSERVATION

OHIO MONTHLY WEATHER REPORT EASTERN BRANCH JUNE 1978

| DAY   | *** AIR TEMP *** |     | ** DEGREE DAY ** |     | *** SOIL TEMP *** |     | AVG |      | PREC |     | SOLAR |      |
|-------|------------------|-----|------------------|-----|-------------------|-----|-----|------|------|-----|-------|------|
|       | MAX              | MIN | 1                | 2   | 3                 | MAX | MIN | AVG  | PREC | RAD | WIND  | EVAP |
| 1     | 83               | 59  | 71.0             | 0   | 6                 | 77  | 67  | 72.0 | 0.00 |     |       |      |
| 2     | 87               | 68  | 77.5             | 0   | 13                | 78  | 65  | 71.5 | 0.00 |     |       |      |
| 3     | 89               | 60  | 74.5             | 0   | 10                | 76  | 67  | 71.5 | 0.74 |     |       |      |
| 4     | 75               | 46  | 60.5             | 5   | 0                 | 75  | 65  | 70.0 | 0.28 |     |       |      |
| 5     | 73               | 51  | 62.0             | 3   | 0                 | 70  | 65  | 67.5 | 0.00 |     |       |      |
| 6     | 77               | 56  | 66.5             | 0   | 2                 | 71  | 62  | 66.5 | 0.00 |     |       |      |
| 7     | 80               | 68  | 74.0             | 0   | 9                 | 73  | 63  | 68.0 | 0.00 |     |       |      |
| 8     | 76               | 66  | 71.0             | 0   | 6                 | 70  | 66  | 68.0 | 1.26 |     |       |      |
| 9     | 79               | 59  | 69.0             | 0   | 4                 | 71  | 66  | 68.5 | 0.41 |     |       |      |
| 10    | 74               | 54  | 64.0             | 1   | 0                 | 75  | 64  | 69.5 | 0.00 |     |       |      |
| 11    | 78               | 60  | 69.0             | 0   | 4                 | 76  | 64  | 70.0 | 0.00 |     |       |      |
| 12    | 83               | 68  | 75.5             | 0   | 11                | 75  | 67  | 71.0 | 0.00 |     |       |      |
| 13    | 85               | 54  | 69.5             | 0   | 5                 | 75  | 68  | 71.5 | 1.08 |     |       |      |
| 14    | 82               | 52  | 67.0             | 0   | 2                 | 68  | 62  | 65.0 | 0.20 |     |       |      |
| 15    | 77               | 56  | 66.5             | 0   | 2                 | 79  | 58  | 68.5 | 0.00 |     |       |      |
| 16    | 80               | 58  | 69.0             | 0   | 4                 | 72  | 60  | 66.0 | 0.00 |     |       |      |
| 17    | 82               | 65  | 73.5             | 0   | 9                 | 73  | 60  | 66.5 | 0.00 |     |       |      |
| 18    | 84               | 72  | 78.0             | 0   | 13                | 74  | 70  | 72.0 | 0.10 |     |       |      |
| 19    | 87               | 68  | 77.5             | 0   | 13                | 76  | 68  | 72.0 | 1.45 |     |       |      |
| 20    | 82               | 62  | 72.0             | 0   | 7                 | 77  | 69  | 73.0 | 0.08 |     |       |      |
| 21    | 84               | 62  | 73.0             | 0   | 8                 | 78  | 69  | 73.5 | 0.00 |     |       |      |
| 22    | 81               | 57  | 69.0             | 0   | 4                 | 77  | 71  | 74.0 | 0.16 |     |       |      |
| 23    | 75               | 54  | 64.5             | 1   | 0                 | 77  | 68  | 72.5 | 0.00 |     |       |      |
| 24    | 79               | 59  | 69.0             | 0   | 4                 | 82  | 68  | 75.0 | 0.00 |     |       |      |
| 25    | 81               | 60  | 70.5             | 0   | 6                 | 84  | 71  | 77.5 | 0.00 |     |       |      |
| 26    | 84               | 70  | 77.0             | 0   | 12                | 78  | 71  | 74.5 | 0.17 |     |       |      |
| 27    | 88               | 72  | 80.0             | 0   | 15                | 76  | 71  | 73.5 | 1.06 |     |       |      |
| 28    | 86               | 70  | 78.0             | 0   | 13                | 74  | 70  | 72.0 | 0.10 |     |       |      |
| 29    | 88               | 73  | 80.5             | 0   | 15                | 76  | 72  | 74.0 | 0.00 |     |       |      |
| 30    | 85               | 72  | 78.5             | 0   | 14                | 75  | 72  | 73.5 | 0.40 |     |       |      |
| TOTAL |                  |     | 9                | 207 | 629               |     |     | 7.49 |      |     |       |      |

|                 |      |      |      |    |    |    |      |      |      |      |
|-----------------|------|------|------|----|----|----|------|------|------|------|
| MEAN            | 81.5 | 61.7 | 71.6 | 0  | 7  | 21 | 75.3 | 66.6 | 71.0 | 0.25 |
| YEARS OF RECORD | 11   | 11   | 11   | 11 | 11 | 1  | 2    | 1    | 1    | 11   |
| MONTH AVERAGE   | 80.9 | 57.3 | 69.1 | 1  | 5  | 21 | 71.5 | 66.6 | 71.0 | 4.98 |

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 EASTERN BRANCH JULY 1978

| DAY | *** AIR TEMP *** |     | ** DEGREE DAY ** |   | *** SOIL TEMP *** |    | PREC | RAD | WIND | EVAP |
|-----|------------------|-----|------------------|---|-------------------|----|------|-----|------|------|
|     | MAX              | MIN | AVG              | 1 | 2                 | 3  |      |     |      |      |
| 1   | 84               | 65  | 74.5             | 0 | 10                | 26 | 79   | 73  | 76.0 | 0.00 |
| 2   | 81               | 63  | 72.0             | 0 | 7                 | 25 | 77   | 72  | 74.5 | 0.05 |
| 3   | 74               | 69  | 71.5             | 0 | 7                 | 22 | 76   | 68  | 72.0 | 1.56 |
| 4   | 72               | 65  | 68.5             | 0 | 4                 | 22 | 73   | 70  | 71.5 | 0.06 |
| 5   | 72               | 64  | 68.0             | 0 | 3                 | 21 | 72   | 69  | 70.5 | 0.03 |
| 6   | 78               | 62  | 70.0             | 0 | 5                 | 22 | 74   | 69  | 71.5 | 0.00 |
| 7   | 84               | 67  | 75.5             | 0 | 11                | 23 | 77   | 69  | 73.0 | 0.00 |
| 8   |                  |     |                  |   |                   |    |      |     |      |      |
| 9   |                  |     |                  |   |                   |    |      |     |      |      |
| 10  | 82               | 70  | 76.0             | 0 | 11                | 25 | 78   | 71  | 74.5 | 0.00 |
| 11  | 83               | 55  | 69.0             | 0 | 4                 | 24 | 76   | 71  | 73.5 | 0.21 |
| 12  | 74               | 53  | 63.5             | 2 | 0                 | 22 | 75   | 69  | 72.0 | 0.00 |
| 13  | 77               | 58  | 67.5             | 0 | 3                 | 23 | 77   | 68  | 72.5 | 0.00 |
| 14  | 75               | 72  | 73.5             | 0 | 9                 | 21 | 73   | 68  | 70.5 | 0.48 |
| 15  | 78               | 74  | 76.0             | 0 | 11                | 20 | 72   | 68  | 70.0 | 0.02 |
| 16  | 78               | 72  | 75.0             | 0 | 10                | 24 | 80   | 68  | 74.0 | 0.16 |
| 17  | 82               | 70  | 76.0             | 0 | 11                | 23 | 77   | 68  | 72.5 | 0.00 |
| 18  | 88               | 72  | 80.0             | 0 | 15                | 24 | 80   | 68  | 74.0 | 0.00 |
| 19  | 84               | 70  | 77.0             | 0 | 12                | 24 | 82   | 66  | 74.0 | 0.00 |
| 20  | 88               | 74  | 81.0             | 0 | 16                | 24 | 80   | 68  | 74.0 | 0.00 |
| 21  | 85               | 70  | 77.5             | 0 | 13                | 23 | 77   | 68  | 72.5 | 0.00 |
| 22  | 80               | 68  | 74.0             | 0 | 9                 | 24 | 82   | 65  | 73.5 | 0.00 |
| 23  | 92               | 72  | 82.0             | 0 | 17                | 24 | 80   | 68  | 74.0 | 0.01 |
| 24  | 90               | 80  | 85.0             | 0 | 20                | 30 | 84   | 75  | 79.5 | 0.05 |
| 25  | 88               | 78  | 83.0             | 0 | 18                | 25 | 78   | 72  | 75.0 | 0.01 |
| 26  | 82               | 70  | 76.0             | 0 | 11                | 27 | 82   | 72  | 77.0 | 0.00 |
| 27  | 80               | 68  | 74.0             | 0 | 9                 | 22 | 78   | 66  | 72.0 | 0.00 |
| 28  | 82               | 65  | 73.5             | 0 | 9                 | 19 | 72   | 66  | 69.0 | 0.00 |
| 29  |                  |     |                  |   |                   |    |      |     |      | 0.82 |
| 30  |                  |     |                  |   |                   |    |      |     |      |      |
| 31  |                  |     |                  |   |                   |    |      |     |      |      |

|         |      |      |      |      |
|---------|------|------|------|------|
| TOTAL   | 2    | 251  | 603  | 3.46 |
| MEAN    | 81.3 | 67.9 | 74.6 | 0    |
| RECORD  | 12   | 12   | 12   | 1    |
| MONTH   | 12   | 12   | 12   | 1    |
| AVERAGE | 83.7 | 63.1 | 73.4 | 0    |
|         | 8    | 23   | 75.7 | 69.0 |
|         | 23   | 73.2 | 73.2 | 0.13 |

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 | SOIL TEMP | Avg  | PREC | SOLAR RAD | WIND | EVAP |
|-----|-----|----------|------|-----|--------|-----|-----|-----|-----|-----------|------|------|-----------|------|------|
|     |     | ***      | **   | *** | DEGREE | DAY | *** | *** | *** | TEMP      | ***  |      |           |      |      |
| 1   | 77  | 59       | 68.0 | 0   | 3      | 16  | 66  | 66  | 66  | 66.0      | 0.00 |      |           |      |      |
| 2   | 82  | 55       | 68.5 | 0   | 4      | 16  | 66  | 66  | 66  | 66.0      | 0.00 |      |           |      |      |
| 3   | 84  | 59       | 71.5 | 0   | 7      | 20  | 70  | 70  | 70  | 70.0      | 0.42 |      |           |      |      |
| 4   | 78  | 64       | 71.0 | 0   | 6      | 18  | 68  | 68  | 68  | 68.0      | 0.65 |      |           |      |      |
| 5   | 74  | 51       | 62.5 | 3   | 0      | 15  | 65  | 65  | 65  | 65.0      | 0.00 |      |           |      |      |
| 6   | 76  | 51       | 63.5 | 2   | 0      | 18  | 68  | 68  | 68  | 68.0      | 0.08 |      |           |      |      |
| 7   | 76  | 57       | 66.5 | 0   | 2      | 18  | 68  | 68  | 68  | 68.0      | 0.18 |      |           |      |      |
| 8   | 80  | 63       | 71.5 | 0   | 7      | 18  | 68  | 68  | 68  | 68.0      | 0.00 |      |           |      |      |
| 9   | 79  | 62       | 70.5 | 0   | 6      | 10  | 60  | 60  | 60  | 60.0      | 0.00 |      |           |      |      |
| 10  | 83  | 64       | 73.5 | 0   | 9      | 18  | 68  | 68  | 68  | 68.0      | 1.53 |      |           |      |      |
| 11  | 79  | 57       | 68.0 | 0   | 3      | 17  | 67  | 67  | 67  | 67.0      | 0.00 |      |           |      |      |
| 12  | 76  | 54       | 65.0 | 0   | 0      | 18  | 68  | 68  | 68  | 68.0      | 0.00 |      |           |      |      |
| 13  | 81  | 59       | 70.0 | 0   | 5      | 14  | 64  | 64  | 64  | 64.0      | 0.00 |      |           |      |      |
| 14  | 84  | 59       | 71.5 | 0   | 7      | 19  | 69  | 69  | 69  | 69.0      | 0.00 |      |           |      |      |
| 15  | 85  | 62       | 73.5 | 0   | 9      | 21  | 71  | 71  | 71  | 71.0      | 0.00 |      |           |      |      |
| 16  | 85  | 65       | 75.0 | 0   | 10     | 22  | 72  | 72  | 72  | 72.0      | 0.00 |      |           |      |      |
| 17  | 84  | 67       | 75.5 | 0   | 11     | 20  | 70  | 70  | 70  | 70.0      | 0.06 |      |           |      |      |
| 18  | 84  | 62       | 73.0 | 0   | 8      | 20  | 70  | 70  | 70  | 70.0      | 0.00 |      |           |      |      |
| 19  | 84  | 61       | 72.5 | 0   | 8      | 21  | 71  | 71  | 71  | 71.0      | 0.00 |      |           |      |      |
| 20  | 88  | 67       | 77.5 | 0   | 13     | 19  | 69  | 69  | 69  | 69.0      | 0.03 |      |           |      |      |
| 21  | 75  | 52       | 63.5 | 2   | 0      | 16  | 66  | 66  | 66  | 66.0      | 0.00 |      |           |      |      |
| 22  | 79  | 47       | 63.0 | 2   | 0      | 16  | 66  | 66  | 66  | 66.0      | 0.00 |      |           |      |      |
| 23  | 82  | 52       | 67.0 | 0   | 2      | 18  | 68  | 68  | 68  | 68.0      | 0.00 |      |           |      |      |
| 24  | 86  | 54       | 70.0 | 0   | 5      | 18  | 68  | 68  | 68  | 68.0      | 0.00 |      |           |      |      |
| 25  | 88  | 64       | 76.0 | 0   | 11     | 20  | 70  | 70  | 70  | 70.0      | 0.00 |      |           |      |      |
| 26  | 80  | 60       | 70.0 | 0   | 5      | 17  | 67  | 67  | 67  | 67.0      | 0.00 |      |           |      |      |
| 27  | 82  | 54       | 68.0 | 0   | 3      | 18  | 68  | 68  | 68  | 68.0      | 0.00 |      |           |      |      |
| 28  | 83  | 59       | 71.0 | 0   | 6      | 21  | 71  | 71  | 71  | 71.0      | 0.19 |      |           |      |      |
| 29  | 84  | 66       | 75.0 | 0   | 10     | 19  | 69  | 69  | 69  | 69.0      | 0.00 |      |           |      |      |
| 30  | 79  | 61       | 70.0 | 0   | 5      | 18  | 68  | 68  | 68  | 68.0      | 0.10 |      |           |      |      |
| 31  | 68  | 59       | 63.5 | 2   | 0      | 14  | 64  | 64  | 64  | 64.0      | 0.37 |      |           |      |      |

TOTAL 9 160 553 3.61

MEAN 80.8 58.9 69.9 0 5 18 67.8 67.8 67.8 0.12  
 YEARS OF RECORD MONTH 12 12 12 12 12 1 2 1 1 12  
 AVERAGE 82.9 61.6 72.3 0 7 18 69.5 67.8 67.8 4.06

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      EASTERN BRANCH      SEPTEMBER 1978

| DAY   | *** AIR TEMP *** |     | ** DEGREE DAY ** |    | *** SOIL TEMP *** |     |     | PREC | WIND | EVAP | SOLAR RAD |
|-------|------------------|-----|------------------|----|-------------------|-----|-----|------|------|------|-----------|
|       | MAX              | MIN | 1                | 2  | 3                 | MAX | MIN |      |      |      |           |
| 1     | 71               | 58  | 64.5             | 1  | 0                 | 19  | 71  | 66   | 68.5 | 0.00 | 0.00      |
| 2     | 80               | 56  | 68.0             | 0  | 3                 |     |     |      |      | 0.00 | 0.00      |
| 3     | 82               | 58  | 70.0             | 0  | 5                 | 23  | 80  | 66   | 73.0 | 0.00 | 0.00      |
| 4     | 81               | 60  | 70.5             | 0  | 6                 | 24  | 79  | 69   | 74.0 | 0.95 | 0.00      |
| 5     | 83               | 55  | 69.0             | 0  | 4                 | 24  | 81  | 67   | 74.0 | 0.00 | 0.00      |
| 6     | 85               | 52  | 73.5             | 0  | 9                 | 26  | 81  | 70   | 75.5 | 0.00 | 0.00      |
| 7     | 85               | 66  | 75.5             | 0  | 11                | 27  | 83  | 70   | 76.5 | 0.00 | 0.00      |
| 8     | 86               | 66  | 76.0             | 0  | 11                | 27  | 84  | 70   | 77.0 | 0.00 | 0.00      |
| 9     | 85               | 64  | 74.5             | 0  | 10                |     |     |      |      | 0.00 | 0.00      |
| 10    | 87               | 69  | 78.0             | 0  | 13                | 29  | 86  | 72   | 79.0 | 0.00 | 0.00      |
| 11    | 86               | 67  | 76.5             | 0  | 12                | 31  | 86  | 75   | 80.5 | 0.00 | 0.00      |
| 12    | 83               | 69  | 76.0             | 0  | 11                | 29  | 84  | 74   | 79.0 | 0.00 | 0.00      |
| 13    | 82               | 68  | 75.0             | 0  | 10                |     |     |      |      | 0.00 | 0.00      |
| 14    | 80               | 66  | 73.0             | 0  | 8                 | 26  | 80  | 72   | 76.0 | 0.00 | 0.00      |
| 15    | 81               | 67  | 74.0             | 0  | 9                 | 25  | 77  | 72   | 74.5 | 0.39 | 0.00      |
| 16    | 81               | 67  | 74.0             | 0  | 9                 | 24  | 77  | 71   | 74.0 | 0.00 | 0.00      |
| 17    | 77               | 69  | 73.0             | 0  | 8                 | 25  | 78  | 71   | 74.5 | 0.96 | 0.00      |
| 18    | 81               | 68  | 74.5             | 0  | 10                | 23  | 74  | 71   | 72.5 | 0.00 | 0.00      |
| 19    | 88               | 69  | 78.5             | 0  | 14                | 23  | 75  | 71   | 73.0 | 0.00 | 0.00      |
| 20    | 85               | 67  | 76.0             | 0  | 11                | 23  | 76  | 70   | 73.0 | 0.00 | 0.00      |
| 21    | 89               | 72  | 80.5             | 0  | 16                | 26  | 78  | 74   | 76.0 | 0.00 | 0.00      |
| 22    | 88               | 62  | 75.0             | 0  | 10                | 28  | 83  | 72   | 77.5 | 0.27 | 0.00      |
| 23    | 65               | 52  | 58.5             | 7  | 0                 | 18  | 73  | 62   | 67.5 | 0.00 | 0.00      |
| 24    | 73               | 52  | 62.5             | 3  | 0                 | 21  | 75  | 67   | 71.0 | 0.00 | 0.00      |
| 25    | 75               | 55  | 65.0             | 0  | 0                 | 19  | 71  | 66   | 68.5 | 0.00 | 0.00      |
| 26    | 74               | 48  | 61.0             | 4  | 0                 | 19  | 75  | 63   | 69.0 | 0.00 | 0.00      |
| 27    | 73               | 54  | 63.5             | 2  | 0                 | 19  | 76  | 62   | 69.0 | 0.00 | 0.00      |
| 28    | 77               | 53  | 65.0             | 0  | 0                 |     |     |      |      | 0.00 | 0.00      |
| 29    | 76               | 52  | 64.0             | 1  | 0                 |     |     |      |      | 0.00 | 0.00      |
| 30    | 74               | 50  | 62.0             | 3  | 0                 |     |     |      |      | 0.00 | 0.00      |
| TOTAL |                  |     |                  | 19 | 196               | 573 |     |      |      | 2.57 |           |

|                 |      |      |      |    |    |    |      |      |      |      |
|-----------------|------|------|------|----|----|----|------|------|------|------|
| MEAN            | 80.4 | 61.4 | 70.9 | 1  | 7  | 24 | 78.5 | 69.3 | 73.9 | 0.09 |
| YEARS OF RECORD | 12   | 12   | 12   | 12 | 12 | 1  | 2    | 1    | 1    | 12   |
| MONTH AVERAGE   | 77.8 | 55.7 | 66.8 | 2  | 4  | 24 | 74.2 | 69.3 | 73.9 | 3.65 |

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 EASTERN BRANCH OCTOBER 1978

| DAY     | MAX  | AIR TEMP | MIN  | AVG | 1  | 2      | 3   | MAX | MIN | AVG  | PREC | RAD | WIND | EVAP |
|---------|------|----------|------|-----|----|--------|-----|-----|-----|------|------|-----|------|------|
|         |      | ***      |      | *** | ** | DEGREE | DAY | *** | *** | SOIL | TEMP | *** |      |      |
| 1       |      |          |      |     |    |        |     |     |     |      |      |     |      |      |
| 2       | 70   | 46       | 58.0 | 7   | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 3       | 69   | 48       | 58.5 | 7   | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 4       | 71   | 48       | 59.5 | 6   | 0  |        |     |     |     |      | 0.43 |     |      |      |
| 5       | 63   | 49       | 56.0 | 9   | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 6       | 68   | 45       | 56.5 | 9   | 0  |        |     |     |     |      | 0.58 |     |      |      |
| 7       | 55   | 48       | 51.5 | 14  | 0  |        |     |     |     |      | 0.10 |     |      |      |
| 8       | 56   | 40       | 48.0 | 17  | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 9       | 52   | 39       | 45.5 | 20  | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 10      | 61   | 45       | 53.0 | 12  | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 11      | 69   | 48       | 58.5 | 7   | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 12      | 72   | 49       | 60.5 | 5   | 0  |        |     |     |     |      | 0.19 |     |      |      |
| 13      | 74   | 54       | 64.0 | 1   | 0  |        |     |     |     |      | 1.41 |     |      |      |
| 14      | 57   | 48       | 52.5 | 13  | 0  |        |     |     |     |      | 0.51 |     |      |      |
| 15      | 51   | 42       | 46.5 | 19  | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 16      | 51   | 43       | 47.0 | 18  | 0  |        |     |     |     |      | 0.14 |     |      |      |
| 17      | 52   | 38       | 45.0 | 20  | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 18      | 59   | 33       | 46.0 | 19  | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 19      | 62   | 51       | 56.5 | 9   | 0  |        |     |     |     |      | 0.06 |     |      |      |
| 20      | 61   | 42       | 51.5 | 14  | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 21      |      |          |      |     |    |        |     |     |     |      |      |     |      |      |
| 22      | 71   | 46       | 58.5 | 7   | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 23      | 76   | 51       | 63.5 | 2   | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 24      | 62   | 39       | 50.5 | 15  | 0  |        |     |     |     |      | 0.19 |     |      |      |
| 25      | 56   | 37       | 46.5 | 19  | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 26      | 68   | 51       | 59.5 | 6   | 0  |        |     |     |     |      | 0.31 |     |      |      |
| 27      | 64   | 38       | 51.0 | 14  | 0  |        |     |     |     |      | 0.94 |     |      |      |
| 28      |      |          |      |     |    |        |     |     |     |      |      |     |      |      |
| 29      | 65   | 38       | 51.5 | 14  | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 30      | 57   | 38       | 47.5 | 18  | 0  |        |     |     |     |      | 0.00 |     |      |      |
| 31      | 68   | 45       | 56.5 | 9   | 0  |        |     |     |     |      | 0.00 |     |      |      |
| TOTAL   |      |          |      | 321 | 0  |        |     |     |     |      | 4.88 |     |      |      |
| MEAN    | 62.9 | 44.3     | 53.6 | 11  | 0  |        |     |     |     |      | 0.17 |     |      |      |
| RECORD  | 12   | 12       | 12   | 12  | 12 |        |     |     |     |      | 12   |     |      |      |
| MONTH   |      |          |      |     |    |        |     |     |     |      |      |     |      |      |
| AVERAGE | 66.6 | 44.7     | 55.7 | 10  | 0  |        |     |     |     |      | 2.79 |     |      |      |

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  
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