

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH JANUARY 1973

| DAY | *** AIR TEMP *** | | | ** DEGREE DAY ** | | | *** SOIL TEMP *** | | | SOLAR | | | |
|-----|------------------|-----|------|------------------|---|---|-------------------|-----|------|-------|-----|------|------|
| | MAX | MIN | AVG | 1 | 2 | 3 | MAX | MIN | AVG | PREC | RAD | WIND | SNOW |
| 1 | 46 | 26 | 36.0 | 29 | 0 | 0 | 43 | 36 | 39.5 | 0.00 | | | 0.00 |
| 2 | 34 | 19 | 26.5 | 39 | 0 | 0 | 36 | 34 | 35.0 | 0.00 | | | 0.00 |
| 3 | 31 | 20 | 25.5 | 40 | 0 | 0 | 34 | 33 | 33.5 | 0.00 | | | 0.00 |
| 4 | 46 | 21 | 33.5 | 32 | 0 | 0 | 33 | 33 | 33.0 | 0.59 | | | 0.00 |
| 5 | 34 | 18 | 26.0 | 39 | 0 | 0 | 32 | 32 | 32.0 | 0.00 | | | 0.00 |
| 6 | 23 | 11 | 17.0 | 48 | 0 | 0 | 32 | 30 | 31.0 | 0.00 | | | 0.00 |
| 7 | 21 | 11 | 16.0 | 49 | 0 | 0 | 32 | 29 | 30.5 | 0.00 | | | 0.00 |
| 8 | 21 | 10 | 15.5 | 50 | 0 | 0 | 32 | 29 | 30.5 | 0.00 | | | 0.00 |
| 9 | 23 | 11 | 17.0 | 48 | 0 | 0 | 28 | 27 | 27.5 | 0.00 | | | 0.00 |
| 10 | 22 | 5 | 13.5 | 52 | 0 | 0 | 27 | 24 | 25.5 | 0.00 | | | 0.00 |
| 11 | 19 | 5 | 12.0 | 53 | 0 | 0 | 24 | 23 | 23.5 | 0.00 | | | 0.00 |
| 12 | 23 | 8 | 15.5 | 50 | 0 | 0 | 25 | 22 | 23.5 | 0.00 | | | 0.00 |
| 13 | 40 | 8 | 24.0 | 41 | 0 | 0 | 26 | 22 | 24.0 | 0.00 | | | 0.00 |
| 14 | 37 | 27 | 32.0 | 33 | 0 | 0 | 27 | 26 | 26.5 | 0.00 | | | 0.00 |
| 15 | 36 | 25 | 30.5 | 35 | 0 | 0 | 29 | 26 | 27.5 | 0.08 | | | 0.70 |
| 16 | 34 | 27 | 30.5 | 35 | 0 | 0 | 30 | 26 | 28.0 | 0.00 | | | 0.00 |
| 17 | 42 | 33 | 37.5 | 28 | 0 | 0 | 31 | 30 | 30.5 | 0.00 | | | 0.00 |
| 18 | 57 | 41 | 49.0 | 16 | 0 | 0 | 31 | 30 | 30.5 | 0.00 | | | 0.00 |
| 19 | 60 | 41 | 50.5 | 15 | 0 | 0 | 32 | 30 | 31.0 | 0.00 | | | 0.00 |
| 20 | 41 | 27 | 34.0 | 31 | 0 | 0 | 32 | 32 | 32.0 | 0.00 | | | 0.00 |
| 21 | 39 | 21 | 30.0 | 35 | 0 | 0 | 32 | 32 | 32.0 | 0.00 | | | 0.00 |
| 22 | 44 | 22 | 33.0 | 32 | 0 | 0 | 32 | 32 | 32.0 | 0.36 | | | 0.00 |
| 23 | 51 | 32 | 41.5 | 24 | 0 | 0 | 32 | 32 | 32.0 | 0.03 | | | 0.00 |
| 24 | 34 | 23 | 28.5 | 37 | 0 | 0 | 32 | 31 | 31.5 | 0.00 | | | 0.00 |
| 25 | 36 | 23 | 29.5 | 36 | 0 | 0 | 32 | 32 | 32.0 | 0.00 | | | 0.00 |
| 26 | 49 | 32 | 40.5 | 25 | 0 | 0 | 32 | 32 | 32.0 | 0.00 | | | 0.00 |
| 27 | 52 | 34 | 43.0 | 22 | 0 | 0 | 32 | 32 | 32.0 | 0.00 | | | 0.00 |
| 28 | 52 | 33 | 42.5 | 23 | 0 | 0 | 33 | 32 | 32.5 | 0.00 | | | 0.00 |
| 29 | 34 | 13 | 23.5 | 42 | 0 | 0 | 32 | 32 | 32.0 | 0.28 | | | 1.50 |
| 30 | 23 | 14 | 18.5 | 47 | 0 | 0 | 32 | 31 | 31.5 | 0.00 | | | 0.00 |
| 31 | 31 | 14 | 22.5 | 43 | 0 | 0 | 33 | 31 | 32.0 | 0.00 | | | 0.00 |

| | | | | |
|-----------------|------|------|------|------|
| TOTAL | 1120 | 0 | 1.34 | 2.20 |
| MEAN | 36.6 | 21.1 | 28.9 | 36 |
| YEARS OF RECORD | 16 | 16 | 16 | 16 |
| MONTH | 16 | 16 | 16 | 16 |
| AVERAGE | 32.5 | 16.0 | 24.2 | 41 |
| | 0 | 0 | 0 | 0 |
| | 31.3 | 29.8 | 30.5 | 0.04 |
| | 7 | 7 | 7 | 16 |
| | 31.4 | 30.5 | 30.9 | 1.87 |
| | 4.86 | | | |

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 NORTHWESTERN BRANCH FEBRUARY 1973

| DAY | *** AIR TEMP MAX | *** AIR TEMP MIN | *** AVG | ** DEGREE | DAY 1 | DAY 2 | DAY 3 | *** SOIL TEMP MAX | *** SOIL TEMP MIN | *** AVG | PREC | SOLAR RAD | WIND | SNOW |
|--------------|------------------|------------------|---------|-----------|-------|-------|-------|-------------------|-------------------|---------|------|-----------|------|------|
| 1 | 40 | 20 | 30.0 | 35 | 0 | 0 | 0 | 32 | 32 | 32.0 | 0.02 | | | 0.00 |
| 2 | 50 | 36 | 43.0 | 22 | 0 | 0 | 0 | 32 | 32 | 32.0 | 0.32 | | | 0.00 |
| 3 | 52 | 32 | 42.0 | 23 | 0 | 0 | 0 | 34 | 32 | 33.0 | 0.00 | | | 0.00 |
| 4 | 35 | 30 | 32.5 | 33 | 0 | 0 | 0 | 34 | 34 | 34.0 | 0.00 | | | 0.00 |
| 5 | 49 | 32 | 40.5 | 25 | 0 | 0 | 0 | 36 | 34 | 35.0 | 0.00 | | | 0.00 |
| 6 | 36 | 31 | 33.5 | 32 | 0 | 0 | 0 | 35 | 34 | 34.5 | 0.00 | | | 0.00 |
| 7 | 43 | 29 | 36.0 | 29 | 0 | 0 | 0 | 37 | 35 | 36.0 | 0.00 | | | 0.00 |
| 8 | 38 | 18 | 28.0 | 37 | 0 | 0 | 0 | 36 | 34 | 35.0 | 0.12 | | | 0.90 |
| 9 | 22 | 5 | 13.5 | 52 | 0 | 0 | 0 | 35 | 33 | 34.0 | 0.00 | | | 0.00 |
| 10 | 25 | 11 | 18.0 | 47 | 0 | 0 | 0 | 31 | 31 | 31.0 | 0.00 | | | 0.00 |
| 11 | 25 | 7 | 16.0 | 49 | 0 | 0 | 0 | 33 | 32 | 32.5 | 0.00 | | | 0.00 |
| 12 | 37 | 5 | 21.0 | 44 | 0 | 0 | 0 | 32 | 31 | 31.5 | 0.00 | | | 0.00 |
| 13 | 31 | 6 | 18.5 | 47 | 0 | 0 | 0 | 31 | 30 | 30.5 | 0.00 | | | 0.00 |
| 14 | 43 | 14 | 28.5 | 37 | 0 | 0 | 0 | 31 | 29 | 30.0 | 0.11 | | | 0.00 |
| 15 | 41 | 29 | 35.0 | 30 | 0 | 0 | 0 | 31 | 30 | 30.5 | 0.12 | | | 1.10 |
| 16 | 30 | -1 | 14.5 | 51 | 0 | 0 | 0 | 32 | 31 | 31.5 | 0.09 | | | 1.00 |
| 17 | 11 | -10 | 0.5 | 65 | 0 | 0 | 0 | 32 | 32 | 32.0 | 0.00 | | | 0.00 |
| 18 | 17 | -6 | 5.5 | 60 | 0 | 0 | 0 | 32 | 32 | 32.0 | 0.00 | | | 0.00 |
| 19 | 33 | 16 | 24.5 | 41 | 0 | 0 | 0 | 31 | 31 | 31.0 | 0.00 | | | 0.00 |
| 20 | 42 | 28 | 35.0 | 30 | 0 | 0 | 0 | 32 | 32 | 32.0 | 0.00 | | | 0.00 |
| 21 | 38 | 30 | 34.0 | 31 | 0 | 0 | 0 | 32 | 30 | 31.0 | 0.00 | | | 0.00 |
| 22 | 34 | 13 | 23.5 | 42 | 0 | 0 | 0 | 32 | 29 | 30.5 | 0.00 | | | 0.00 |
| 23 | 34 | 13 | 23.5 | 42 | 0 | 0 | 0 | 31 | 27 | 29.0 | 0.00 | | | 0.00 |
| 24 | 36 | 24 | 30.0 | 35 | 0 | 0 | 0 | 31 | 31 | 31.0 | 0.00 | | | 0.00 |
| 25 | 31 | 20 | 25.5 | 40 | 0 | 0 | 0 | 31 | 30 | 30.5 | 0.00 | | | 0.00 |
| 26 | 34 | 21 | 27.5 | 38 | 0 | 0 | 0 | 30 | 29 | 29.5 | 0.01 | | | 0.00 |
| 27 | 26 | 18 | 22.0 | 43 | 0 | 0 | 0 | 31 | 30 | 30.5 | 0.00 | | | 0.00 |
| 28 | 30 | 14 | 22.0 | 43 | 0 | 0 | 0 | 31 | 30 | 30.5 | 0.00 | | | 0.00 |
| TOTAL | | | 1096 | 0 | | | | | | | 0.79 | | | 3.00 |
| MEAN | 34.4 | 17.3 | 25.9 | 39 | 0 | 0 | | 32.4 | 31.3 | 31.9 | 0.03 | | | 0.11 |
| RECORD MONTH | 16 | 16 | 16 | 16 | 16 | 16 | 2 | 7 | 7 | 7 | 16 | | | 7 |
| AVERAGE | 35.4 | 18.3 | 26.8 | 38 | 0 | 0 | 0 | 30.9 | 29.9 | 30.4 | 1.44 | | | 3.27 |

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 NORTHWESTERN BRANCH DECEMBER 1973

| DAY | MAX | AIR TEMP MIF. | *** AVG | ** DEGREE | DAY | 1 | 2 | 3 | *** MAX | *** MIN | TEMP AVG | *** PREC | SOLAR RAD | WIND | SNOW |
|-----|-----|------------------|------------|--------------|-----|---|---|---|------------|------------|-------------|-------------|--------------|------|------|
| 1 | 50 | 27 | 38.5 | 27 | 0 | 0 | 0 | 0 | 42 | 38 | 40.0 | 0.00 | | | 0.00 |
| 2 | 41 | 26 | 33.5 | 32 | 0 | 0 | 0 | 0 | 39 | 36 | 37.5 | 0.00 | | | 0.00 |
| 3 | 52 | 31 | 41.5 | 24 | 0 | 0 | 0 | 0 | 40 | 36 | 38.0 | 0.00 | | | 0.00 |
| 4 | 60 | 43 | 51.5 | 14 | 0 | 0 | 0 | 0 | 46 | 40 | 43.0 | 0.03 | | | 0.00 |
| 5 | 58 | 44 | 51.0 | 14 | 0 | 0 | 0 | 0 | 47 | 46 | 46.5 | 0.20 | | | 0.00 |
| 6 | 45 | 22 | 33.5 | 32 | 0 | 0 | 0 | 0 | 47 | 38 | 42.5 | 0.00 | | | 0.00 |
| 7 | 31 | 27 | 29.0 | 36 | 0 | 0 | 0 | 0 | 38 | 37 | 37.5 | 0.00 | | | 0.00 |
| 8 | 34 | 29 | 31.5 | 34 | 0 | 0 | 0 | 0 | 38 | 37 | 37.5 | 0.00 | | | 0.00 |
| 9 | 39 | 21 | 30.0 | 35 | 0 | 0 | 0 | 0 | 38 | 36 | 37.0 | 0.00 | | | 0.00 |
| 10 | 39 | 21 | 30.0 | 35 | 0 | 0 | 0 | 0 | 36 | 35 | 35.5 | 0.00 | | | 0.00 |
| 11 | 25 | 11 | 18.0 | 47 | 0 | 0 | 0 | 0 | 35 | 34 | 34.5 | 0.00 | | | 0.25 |
| 12 | 25 | 11 | 18.0 | 47 | 0 | 0 | 0 | 0 | 35 | 34 | 33.5 | 0.00 | | | 0.30 |
| 13 | 40 | 23 | 31.5 | 34 | 0 | 0 | 0 | 0 | 34 | 33 | 33.5 | 0.00 | | | 0.00 |
| 14 | 48 | 20 | 34.0 | 31 | 0 | 0 | 0 | 0 | 34 | 33 | 33.5 | 0.26 | | | 0.00 |
| 15 | 26 | 19 | 22.5 | 43 | 0 | 0 | 0 | 0 | 34 | 34 | 34.0 | 0.10 | | | 0.00 |
| 16 | 24 | 19 | 21.5 | 44 | 0 | 0 | 0 | 0 | 33 | 34 | 34.0 | 0.00 | | | 0.00 |
| 17 | 22 | 12 | 17.0 | 48 | 0 | 0 | 0 | 0 | 34 | 33 | 33.5 | 0.00 | | | 0.00 |
| 18 | 22 | 7 | 14.5 | 51 | 0 | 0 | 0 | 0 | 33 | 32 | 32.5 | 0.00 | | | 0.50 |
| 19 | 24 | 14 | 19.0 | 46 | 0 | 0 | 0 | 0 | 32 | 32 | 32.5 | 0.00 | | | 0.00 |
| 20 | 29 | 22 | 25.5 | 40 | 0 | 0 | 0 | 0 | 32 | 32 | 32.0 | 0.02 | | | 1.00 |
| 21 | 26 | 4 | 15.0 | 50 | 0 | 0 | 0 | 0 | 32 | 32 | 32.0 | 0.36 | | | 6.00 |
| 22 | 19 | -1 | 9.0 | 56 | 0 | 0 | 0 | 0 | 32 | 32 | 32.0 | 0.07 | | | 2.50 |
| 23 | 28 | 3 | 15.5 | 50 | 0 | 0 | 0 | 0 | 32 | 32 | 32.0 | 0.00 | | | 0.00 |
| 24 | 31 | 7 | 19.0 | 46 | 0 | 0 | 0 | 0 | 34 | 31 | 32.5 | 0.00 | | | 0.00 |
| 25 | 40 | 29 | 34.5 | 31 | 0 | 0 | 0 | 0 | 33 | 32 | 32.5 | 0.00 | | | 0.00 |
| 26 | 48 | 32 | 40.0 | 25 | 0 | 0 | 0 | 0 | 33 | 32 | 32.5 | 0.40 | | | 0.00 |
| 27 | 42 | 29 | 35.5 | 30 | 0 | 0 | 0 | 0 | 33 | 32 | 32.5 | 0.11 | | | 0.00 |
| 28 | 35 | 27 | 31.0 | 34 | 0 | 0 | 0 | 0 | 35 | 32 | 33.5 | 0.46 | | | 0.00 |
| 29 | 37 | 33 | 35.0 | 30 | 0 | 0 | 0 | 0 | 34 | 34 | 34.0 | 0.12 | | | 0.00 |
| 30 | 35 | 11 | 23.0 | 42 | 0 | 0 | 0 | 0 | 34 | 34 | 34.0 | 0.00 | | | 0.00 |
| 31 | 22 | 7 | 14.5 | 51 | 0 | 0 | 0 | 0 | 33 | 33 | 33.0 | 0.00 | | | 1.00 |
| | | | | | | | | | 35 | 33 | 34.0 | 0.66 | | | 7.00 |

| | | | | | | | | | | | | | | | |
|-----------------|------|------|------|----|----|---|------|------|------|------|------|------|--|-------|-------|
| TOTAL | | | 1152 | 0 | | | | | 2.80 | | | | | | 18.55 |
| MEAN | 35.4 | 20.3 | 27.5 | 37 | 0 | | | | 35.9 | 34.4 | 35.1 | 0.09 | | | 0.60 |
| YEARS OF RECORD | 16 | 16 | 16 | 16 | 16 | 2 | 8 | 8 | 16 | 8 | 8 | 16 | | 1 | 8 |
| MONTH AVERAGE | 36.7 | 21.2 | 28.9 | 36 | 0 | 0 | 36.2 | 34.5 | 35.3 | 2.34 | | | | 133.5 | 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

| DAY | AIR TEMP MAX | AIR TEMP MIN | *** AVG | ** DEGREE 1 | DEGREE 2 | DAY 3 | *** AVG | SOIL TEMP MAX | SOIL TEMP MIN | *** AVG | PREC | SOLAR RAD | WIND | SNOW |
|-----------------|-----------------|-----------------|------------|----------------|-------------|----------|------------|------------------|------------------|------------|------|--------------|------|------|
| 1 | 44 | 18 | 31.0 | 34 | 0 | 0 | 29.5 | 31 | 28 | 29.5 | 0.00 | | | 0.00 |
| 2 | 56 | 37 | 46.5 | 19 | 0 | 0 | 25.5 | 31 | 20 | 25.5 | 0.00 | | | 0.00 |
| 3 | 60 | 39 | 49.5 | 16 | 0 | 0 | 32.0 | 34 | 30 | 32.0 | 0.09 | | | 0.00 |
| 4 | 53 | 43 | 48.0 | 17 | 0 | 0 | 35.5 | 38 | 33 | 35.5 | 0.01 | | | 0.00 |
| 5 | 49 | 37 | 43.0 | 22 | 0 | 0 | 38.5 | 41 | 36 | 38.5 | 0.01 | | | 0.00 |
| 6 | 63 | 35 | 49.0 | 16 | 0 | 0 | 40.5 | 45 | 36 | 40.5 | 0.01 | | | 0.00 |
| 7 | 71 | 36 | 53.5 | 12 | 0 | 0 | 44.5 | 49 | 40 | 44.5 | 0.00 | | | 0.00 |
| 8 | 66 | 39 | 52.5 | 13 | 0 | 0 | 46.5 | 49 | 44 | 46.5 | 0.15 | | | 0.00 |
| 9 | 63 | 36 | 49.5 | 16 | 0 | 0 | 46.0 | 49 | 43 | 46.0 | 0.00 | | | 0.00 |
| 10 | 47 | 37 | 42.0 | 23 | 0 | 0 | 42.0 | 42 | 42 | 42.0 | 0.51 | | | 0.00 |
| 11 | 65 | 37 | 51.0 | 14 | 0 | 0 | 46.0 | 50 | 42 | 46.0 | 0.77 | | | 0.00 |
| 12 | 72 | 44 | 58.0 | 7 | 0 | 2 | 51.5 | 55 | 48 | 51.5 | 0.09 | | | 0.00 |
| 13 | 46 | 42 | 44.0 | 21 | 0 | 0 | 46.5 | 48 | 45 | 46.5 | 0.00 | | | 0.00 |
| 14 | 56 | 42 | 49.0 | 16 | 0 | 0 | 41.5 | 42 | 41 | 41.5 | 0.30 | | | 0.00 |
| 15 | 66 | 55 | 60.5 | 5 | 0 | 0 | 49.0 | 52 | 46 | 49.0 | 1.02 | | | 0.00 |
| 16 | 67 | 48 | 57.5 | 8 | 0 | 0 | 50.0 | 54 | 46 | 50.0 | 0.00 | | | 1.00 |
| 17 | 67 | 27 | 47.0 | 18 | 0 | 0 | 47.5 | 54 | 41 | 47.5 | 1.20 | | | 2.00 |
| 18 | 31 | 25 | 28.0 | 37 | 0 | 0 | 45.5 | 53 | 38 | 45.5 | 0.05 | | | 0.00 |
| 19 | 35 | 26 | 30.5 | 35 | 0 | 0 | 36.5 | 37 | 36 | 36.5 | 0.00 | | | 0.00 |
| 20 | 36 | 25 | 30.5 | 35 | 0 | 0 | 37.5 | 39 | 36 | 37.5 | 0.00 | | | 0.00 |
| 21 | 38 | 24 | 31.0 | 34 | 0 | 0 | 36.5 | 38 | 35 | 36.5 | 0.00 | | | 0.00 |
| 22 | 40 | 25 | 32.5 | 33 | 0 | 0 | 36.5 | 38 | 35 | 36.5 | 0.00 | | | 0.00 |
| 23 | 41 | 23 | 32.0 | 33 | 0 | 0 | 36.5 | 39 | 34 | 36.5 | 0.00 | | | 0.00 |
| 24 | 48 | 25 | 36.5 | 29 | 0 | 0 | 39.0 | 41 | 37 | 39.0 | 0.00 | | | 0.00 |
| 25 | 59 | 34 | 46.5 | 19 | 0 | 0 | 38.5 | 43 | 34 | 38.5 | 0.00 | | | 0.00 |
| 26 | 48 | 39 | 43.5 | 22 | 0 | 0 | 40.0 | 44 | 36 | 40.0 | 0.34 | | | 0.00 |
| 27 | 53 | 29 | 41.0 | 24 | 0 | 0 | 42.0 | 45 | 39 | 42.0 | 0.00 | | | 0.00 |
| 28 | 52 | 28 | 40.0 | 25 | 0 | 0 | 42.0 | 45 | 39 | 42.0 | 0.00 | | | 0.00 |
| 29 | 55 | 35 | 45.0 | 20 | 0 | 0 | 40.5 | 43 | 38 | 40.5 | 0.08 | | | 0.00 |
| 30 | 63 | 35 | 49.0 | 16 | 0 | 0 | 45.0 | 47 | 43 | 45.0 | 0.18 | | | 0.00 |
| 31 | 53 | 40 | 46.5 | 19 | 0 | 0 | 46.5 | 48 | 45 | 46.5 | 0.00 | | | 0.00 |
| TOTAL | | | 651 | | 0 | 2 | 4.81 | | | | | | | 3.00 |
| MEAN | 53.6 | 34.4 | 44.0 | 21 | 0 | 1 | 41.1 | 44.0 | 38.3 | 41.1 | 0.16 | | | 0.10 |
| YEARS OF RECORD | 16 | 16 | 16 | 16 | 16 | 3 | 7 | 7 | 7 | 7 | 16 | | | 7 |
| MONTH AVERAGE | 46.2 | 26.8 | 36.5 | 29 | 0 | 0 | 35.6 | 36.8 | 34.4 | 35.6 | 2.29 | | | 4.49 |

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

OHIO MONTHLY WEATHER REPORT NORTHWESTERN BRANCH APRIL 1973

| DAY | ** MAX | AIR TEMP | *** AVG | ** 1 | DEGREE DAY | 2 | *** 3 | ** MAX | SOIL TEMP | *** AVG | PREC | SOLAR RAD | WIND | EVAP | |
|----------|-----------|-------------|------------|---------|---------------|----|----------|-----------|--------------|------------|------|--------------|-------|------|---|
| 1 | 52 | 37 | 44.5 | 21 | 0 | 0 | 0 | 48 | 42 | 45.0 | 0.23 | | 123.0 | 0.09 | |
| 2 | 64 | 41 | 52.5 | 13 | 0 | 0 | 0 | 49 | 45 | 47.0 | 0.06 | | 111.0 | 0.03 | |
| 3 | 47 | 40 | 43.5 | 22 | 0 | 0 | 0 | 46 | 44 | 45.0 | 0.00 | | 103.0 | 0.03 | |
| 4 | 46 | 38 | 42.0 | 23 | 0 | 0 | 0 | 44 | 43 | 43.5 | 0.00 | | 205.0 | 0.02 | |
| 5 | 42 | 36 | 39.0 | 26 | 0 | 0 | 0 | 43 | 41 | 42.0 | 0.25 | | 174.0 | 0.21 | |
| 6 | 47 | 35 | 41.0 | 24 | 0 | 0 | 0 | 44 | 41 | 42.5 | 0.00 | | 177.0 | 0.14 | |
| 7 | 65 | 38 | 51.5 | 14 | 0 | 0 | 0 | 48 | 40 | 44.0 | 0.00 | | 160.0 | 0.15 | |
| 8 | 60 | 38 | 49.0 | 16 | 0 | 0 | 0 | 49 | 40 | 44.5 | 0.00 | | 174.0 | | |
| 9 | 50 | 30 | 40.0 | 25 | 0 | 0 | 0 | 48 | 42 | 45.0 | 0.00 | | 169.0 | | |
| 10 | 48 | 29 | 38.5 | 27 | 0 | 0 | 0 | 42 | 39 | 40.5 | 0.45 | | 117.0 | | |
| 11 | 40 | 25 | 32.5 | 33 | 0 | 0 | 0 | 42 | 37 | 39.5 | 0.00 | | 106.0 | | |
| 12 | 44 | 28 | 36.0 | 29 | 0 | 0 | 0 | 41 | 36 | 38.5 | 0.04 | | 55.0 | | |
| 13 | 48 | 25 | 36.5 | 29 | 0 | 0 | 0 | 43 | 37 | 40.0 | 0.00 | | 81.0 | | |
| 14 | 47 | 26 | 36.5 | 29 | 0 | 0 | 0 | 48 | 39 | 43.5 | 0.00 | | 77.0 | | |
| 15 | 68 | 35 | 51.5 | 14 | 0 | 0 | 0 | 48 | 32 | 40.0 | 0.00 | | 197.0 | 0.17 | |
| 16 | 70 | 51 | 60.5 | 5 | 0 | 0 | 0 | 52 | 46 | 49.0 | 0.00 | | 49.0 | 0.25 | |
| 17 | 64 | 35 | 49.5 | 16 | 0 | 0 | 0 | 50 | 45 | 47.5 | 0.23 | | 76.0 | 0.08 | |
| 18 | 60 | 42 | 51.0 | 14 | 0 | 0 | 0 | 50 | 45 | 47.5 | 0.20 | | 79.0 | 0.09 | |
| 19 | 65 | 54 | 59.5 | 6 | 0 | 0 | 2 | 54 | 50 | 52.0 | 0.21 | | 71.0 | 0.03 | |
| 20 | 69 | 57 | 63.0 | 2 | 0 | 0 | 5 | 56 | 53 | 54.5 | 0.00 | | 177.0 | 0.07 | |
| 21 | 80 | 60 | 70.0 | 0 | 5 | 10 | 10 | 61 | 58 | 59.5 | 0.00 | | 141.0 | 0.14 | |
| 22 | 76 | 61 | 68.5 | 0 | 4 | 10 | 10 | 60 | 60 | 60.0 | 0.00 | | 64.0 | 0.00 | |
| 23 | 68 | 50 | 59.0 | 6 | 0 | 0 | 8 | 60 | 56 | 58.0 | 0.66 | | 105.0 | 0.37 | |
| 24 | 65 | 41 | 53.0 | 12 | 0 | 0 | 6 | 59 | 53 | 56.0 | 0.00 | | 149.0 | 0.11 | |
| 25 | 59 | 40 | 49.5 | 16 | 0 | 0 | 4 | 58 | 50 | 54.0 | 0.00 | | 168.0 | 0.16 | |
| 26 | 55 | 37 | 46.0 | 19 | 0 | 0 | 0 | 52 | 48 | 50.0 | 0.00 | | 185.0 | 0.18 | |
| 27 | 60 | 44 | 52.0 | 13 | 0 | 0 | 3 | 59 | 47 | 53.0 | 0.00 | | 131.0 | 0.22 | |
| 28 | 51 | 35 | 43.0 | 22 | 0 | 0 | 0 | 50 | 44 | 47.0 | 0.25 | | 61.0 | 0.25 | |
| 29 | 56 | 31 | 43.5 | 22 | 0 | 0 | 0 | 49 | 43 | 46.0 | 0.00 | | 0.0 | 0.07 | |
| 30 | 61 | 31 | 46.0 | 19 | 0 | 0 | 0 | 50 | 42 | 46.0 | 0.08 | | | | |
| TOTAL | | | 510 | 9 | 47 | | | 2.66 | | | | | 3485 | 2.86 | |
| MEAN | 57.6 | 39.0 | 48.3 | 17 | 0 | 5 | 50.1 | 44.6 | 47.4 | 0.09 | | | 120.2 | 0.13 | |
| YEARS OF | | | | | | | | | | | | | | | |
| RECORD | 16 | 16 | 16 | 16 | 16 | 16 | 8 | 8 | 8 | 8 | 16 | | 6 | 6 | 6 |
| MONTH | | | | | | | | | | | | | | | |
| AVERAGE | 61.9 | 37.7 | 49.8 | 16 | 0 | 3 | 50.2 | 45.0 | 47.6 | 3.22 | | | 102.4 | 2.39 | |

Handwritten signature

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 NORTHWESTERN BRANCH MAY 1973

| DAY | *** AIR TEMP MAX | *** AIR TEMP MIN | **** AVG | ** DEGREE 1 | DAY 2 | *** 3 | *** SOIL TEMP MAX | *** SOIL TEMP MIN | *** AVG | PREC | SOLAR RAD | WIND | EVAP |
|-------|---------------------|---------------------|-------------|----------------|----------|----------|----------------------|----------------------|------------|------|--------------|-------|------|
| 1 | 69 | 51 | 60.0 | 5 | 0 | 2 | 55 | 49 | 52.0 | 0.01 | | 192.0 | 0.22 |
| 2 | 71 | 59 | 65.0 | 0 | 0 | 14 | 71 | 56 | 63.5 | 0.01 | | 289.0 | 0.30 |
| 3 | 72 | 42 | 57.0 | 8 | 0 | 5 | 58 | 51 | 54.5 | 0.17 | | 242.0 | 0.09 |
| 4 | 47 | 34 | 40.5 | 25 | 0 | 0 | 51 | 45 | 48.0 | 0.00 | | 155.0 | 0.15 |
| 5 | 58 | 32 | 45.0 | 20 | 0 | 0 | 52 | 44 | 48.0 | 0.00 | | 65.0 | 0.20 |
| 6 | 63 | 36 | 49.5 | 16 | 0 | 0 | 52 | 43 | 47.5 | 0.00 | | 81.0 | 0.16 |
| 7 | 72 | 36 | 54.0 | 11 | 0 | 0 | 56 | 44 | 50.0 | 0.00 | | 99.0 | 0.13 |
| 8 | 69 | 56 | 62.5 | 3 | 0 | 6 | 56 | 55 | 55.5 | 0.74 | | 152.0 | 0.15 |
| 9 | 70 | 54 | 62.0 | 3 | 0 | 7 | 59 | 54 | 56.5 | 0.37 | | 178.0 | 0.27 |
| 10 | 76 | 54 | 65.0 | 0 | 0 | 9 | 62 | 56 | 59.0 | 0.00 | | 155.0 | 0.29 |
| 11 | 71 | 49 | 60.0 | 5 | 0 | 7 | 60 | 54 | 57.0 | 0.47 | | 179.0 | 0.27 |
| 12 | 68 | 47 | 57.5 | 8 | 0 | 8 | 61 | 54 | 57.5 | 0.00 | | 155.0 | 0.19 |
| 13 | 60 | 34 | 47.0 | 18 | 0 | 4 | 56 | 52 | 54.0 | 0.00 | | 74.0 | 0.07 |
| 14 | 53 | 34 | 43.5 | 22 | 0 | 1 | 54 | 48 | 51.0 | 0.00 | | 72.0 | 0.16 |
| 15 | 56 | 34 | 45.0 | 20 | 0 | 2 | 55 | 48 | 51.5 | 0.11 | | 113.0 | 0.16 |
| 16 | 57 | 39 | 48.0 | 17 | 0 | 1 | 53 | 48 | 50.5 | 0.00 | | 151.0 | 0.14 |
| 17 | 65 | 32 | 48.5 | 17 | 0 | 0 | 50 | 46 | 48.0 | 0.03 | | 89.0 | 0.18 |
| 18 | 56 | 32 | 44.0 | 21 | 0 | 0 | 52 | 45 | 48.5 | 0.00 | | 70.0 | 0.03 |
| 19 | 65 | 38 | 51.5 | 14 | 0 | 1 | 56 | 45 | 50.5 | 0.00 | | 136.0 | 0.08 |
| 20 | 55 | 49 | 52.0 | 13 | 0 | 1 | 51 | 50 | 50.5 | 0.71 | | 65.0 | 0.21 |
| 21 | 68 | 44 | 56.0 | 9 | 0 | 5 | 59 | 51 | 55.0 | 0.00 | | 49.0 | 0.18 |
| 22 | 73 | 50 | 61.5 | 4 | 0 | 8 | 63 | 52 | 57.5 | 0.00 | | 17.0 | 0.21 |
| 23 | 62 | 57 | 59.5 | 6 | 0 | 9 | 60 | 57 | 58.5 | 0.45 | | 134.0 | 0.01 |
| 24 | 65 | 54 | 59.5 | 6 | 0 | 8 | 59 | 57 | 58.0 | 0.34 | | 75.0 | 0.07 |
| 25 | 62 | 54 | 58.0 | 7 | 0 | 7 | 58 | 56 | 57.0 | 0.00 | | 68.0 | 0.04 |
| 26 | 69 | 52 | 60.5 | 5 | 0 | 9 | 60 | 57 | 58.5 | 0.57 | | 80.0 | 0.20 |
| 27 | 69 | 54 | 61.5 | 4 | 0 | 12 | 65 | 58 | 61.5 | 0.00 | | 88.0 | 0.04 |
| 28 | 71 | 58 | 64.5 | 1 | 0 | 10 | 61 | 58 | 59.5 | 0.10 | | 136.0 | 0.04 |
| 29 | 76 | 55 | 65.5 | 0 | 1 | 11 | 63 | 59 | 61.0 | 0.20 | | 99.0 | 0.22 |
| 30 | 70 | 52 | 61.0 | 4 | 0 | 11 | 64 | 58 | 61.0 | 0.38 | | 117.0 | 0.20 |
| 31 | 63 | 49 | 56.0 | 9 | 0 | 8 | 59 | 56 | 57.5 | 0.00 | | 0.0 | 0.09 |
| TOTAL | | | | 295 | 1 | 159 | | | | 4.66 | | 3575 | 4.75 |

| | | | | | | | | | | | | | |
|-----------------|------|------|------|----|----|---|------|------|------|------|--|-------|------|
| MEAN | 65.2 | 45.8 | 55.5 | 10 | 0 | 6 | 57.8 | 51.8 | 54.8 | 0.15 | | 115.3 | 0.15 |
| YEARS OF RECORD | 16 | 16 | 16 | 16 | 16 | 8 | 8 | 8 | 8 | 16 | | 9 | 9 |
| MONTH AVERAGE | 72.8 | 47.5 | 60.2 | 7 | 2 | 8 | 60.1 | 54.3 | 57.2 | 3.13 | | 110.0 | 5.33 |

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 NORTHWESTERN BRANCH JUNE 1973

| DAY | MAX | AIR TEMP | MIN | AVG | ** | DEGREE | DAY | ** | 3 | MAX | SOIL TEMP | MIN | AVG | *** | PREC | SOLAR RAD | WIND | EVAP |
|-----------------|------|----------|------|-----|----|--------|------|------|------|------|-----------|------|-----|-----|------|-----------|------|------|
| 1 | 72 | 55 | 63.5 | 2 | 0 | 10 | 63 | 56 | 59.5 | 0.00 | 104.0 | 0.29 | | | | | | |
| 2 | 78 | 55 | 66.5 | 0 | 2 | 12 | 67 | 57 | 62.0 | 0.00 | 43.0 | 0.25 | | | | | | |
| 3 | 83 | 61 | 72.0 | 0 | 7 | 16 | 71 | 60 | 65.5 | 0.24 | 91.0 | 0.22 | | | | | | |
| 4 | 85 | 63 | 74.0 | 0 | 9 | 16 | 70 | 62 | 66.0 | 0.21 | 120.0 | 0.18 | | | | | | |
| 5 | 82 | 64 | 73.0 | 0 | 8 | 18 | 71 | 65 | 68.0 | 0.45 | 86.0 | 0.20 | | | | | | |
| 6 | 81 | 64 | 72.5 | 0 | 8 | 17 | 68 | 65 | 66.5 | 1.20 | 74.0 | 0.16 | | | | | | |
| 7 | 75 | 59 | 67.0 | 0 | 2 | 16 | 68 | 63 | 65.5 | 0.13 | 99.0 | 0.13 | | | | | | |
| 8 | 78 | 60 | 69.0 | 0 | 4 | 16 | 70 | 62 | 66.0 | 0.00 | 132.0 | 0.31 | | | | | | |
| 9 | 82 | 65 | 73.5 | 0 | 9 | 18 | 73 | 63 | 68.0 | 0.00 | 82.0 | 0.30 | | | | | | |
| 10 | 85 | 62 | 73.5 | 0 | 9 | 20 | 73 | 67 | 70.0 | 0.00 | 114.0 | 0.30 | | | | | | |
| 11 | 88 | 68 | 78.0 | 0 | 13 | 21 | 76 | 66 | 71.0 | 0.00 | 94.0 | 0.34 | | | | | | |
| 12 | 88 | 67 | 77.5 | 0 | 13 | 22 | 75 | 69 | 72.0 | 0.24 | 93.0 | 0.26 | | | | | | |
| 13 | 85 | 62 | 73.5 | 0 | 9 | 21 | 74 | 68 | 71.0 | 0.81 | 43.0 | 0.21 | | | | | | |
| 14 | 77 | 55 | 66.0 | 0 | 1 | 21 | 76 | 66 | 71.0 | 0.00 | 38.0 | 0.26 | | | | | | |
| 15 | 81 | 56 | 68.5 | 0 | 4 | 16 | 74 | 58 | 66.0 | 0.00 | 64.0 | 0.27 | | | | | | |
| 16 | 84 | 64 | 74.0 | 0 | 9 | 21 | 76 | 65 | 70.5 | 0.36 | 80.0 | 0.23 | | | | | | |
| 17 | 87 | 66 | 76.5 | 0 | 12 | 24 | 77 | 71 | 74.0 | 0.00 | 44.0 | 0.21 | | | | | | |
| 18 | 76 | 62 | 69.0 | 0 | 4 | 22 | 74 | 69 | 71.5 | 0.00 | 42.0 | 0.10 | | | | | | |
| 19 | 83 | 63 | 73.0 | 0 | 8 | 21 | 74 | 68 | 71.0 | 0.00 | 109.0 | 0.16 | | | | | | |
| 20 | 87 | 75 | 81.0 | 0 | 16 | 23 | 75 | 70 | 72.5 | 0.09 | 47.0 | 0.19 | | | | | | |
| 21 | 83 | 65 | 74.0 | 0 | 9 | 22 | 75 | 69 | 72.0 | 0.07 | 86.0 | 0.17 | | | | | | |
| 22 | 80 | 62 | 71.0 | 0 | 6 | 21 | 74 | 68 | 71.0 | 0.00 | 91.0 | 0.36 | | | | | | |
| 23 | 81 | 56 | 68.5 | 0 | 4 | 20 | 74 | 66 | 70.0 | 0.00 | 76.0 | 0.27 | | | | | | |
| 24 | 81 | 57 | 69.0 | 0 | 4 | 19 | 73 | 65 | 69.0 | 1.02 | 39.0 | 0.39 | | | | | | |
| 25 | 78 | 55 | 66.5 | 0 | 2 | 19 | 74 | 64 | 69.0 | 0.00 | 58.0 | 0.20 | | | | | | |
| 26 | 80 | 59 | 69.5 | 0 | 5 | 20 | 75 | 64 | 69.5 | 0.00 | 89.0 | | | | | | | |
| 27 | 85 | 63 | 74.0 | 0 | 9 | 20 | 76 | 64 | 70.0 | 1.13 | 70.0 | | | | | | | |
| 28 | 75 | 63 | 69.0 | 0 | 4 | 18 | 70 | 66 | 68.0 | 0.00 | 95.0 | | | | | | | |
| 29 | 72 | 58 | 65.0 | 0 | 0 | 17 | 69 | 64 | 66.5 | 0.85 | 72.0 | 0.19 | | | | | | |
| 30 | 73 | 58 | 65.5 | 0 | 1 | 16 | 68 | 64 | 66.0 | 0.00 | 66.0 | 0.21 | | | | | | |
| TOTAL | | 2 | 185 | 559 | | 6.80 | | | | | 2341 | 6.36 | | | | | | |
| MEAN | 80.8 | 61.4 | 71.1 | 0 | 6 | 19 | 72.4 | 64.8 | 68.6 | 0.23 | 78.0 | 0.24 | | | | | | |
| YEARS OF RECORD | 16 | 16 | 16 | 16 | 16 | 8 | 8 | 8 | 8 | 16 | 9 | 10 | | | | | | |
| MONTH AVERAGE | 81.7 | 57.4 | 69.5 | 1 | 6 | 18 | 71.1 | 64.7 | 67.9 | 3.76 | 82.6 | 6.97 | | | | | | |

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 NORTHWESTERN BRANCH JULY 1973

| DAY | ** AIR TEMP MAX | ** AIR TEMP MIN | *** ** DEGREE AVG | 1 | 2 | 3 | *** ** SOIL TEMP MAX | MIN | AVG | PREC | SOLAR RAD | WIND | EVAP |
|---------|--------------------|--------------------|----------------------|----|-----|-----|-------------------------|------|------|------|--------------|-------|------|
| 1 | 78 | 60 | 69.0 | 0 | 4 | 18 | 72 | 63 | 67.5 | 0.00 | | 35.0 | 0.26 |
| 2 | 85 | 65 | 75.0 | 0 | 10 | 21 | 77 | 65 | 71.0 | 0.00 | | 79.0 | 0.33 |
| 3 | 89 | 67 | 78.0 | 0 | 13 | 24 | 78 | 70 | 74.0 | 0.83 | | 46.0 | 0.30 |
| 4 | 87 | 66 | 76.5 | 0 | 12 | 24 | 78 | 70 | 74.0 | 0.40 | | 80.0 | 0.21 |
| 5 | 82 | 58 | 70.0 | 0 | 5 | 22 | 75 | 68 | 71.5 | 0.01 | | 33.0 | 0.25 |
| 6 | 81 | 61 | 71.0 | 0 | 6 | 23 | 77 | 69 | 73.0 | 0.00 | | 47.0 | 0.30 |
| 7 | 84 | 65 | 74.5 | 0 | 10 | 24 | 79 | 69 | 74.0 | 0.00 | | 72.0 | 0.30 |
| 8 | 87 | 66 | 76.5 | 0 | 12 | 25 | 79 | 71 | 75.0 | 0.00 | | 66.0 | 0.28 |
| 9 | 88 | 72 | 80.0 | 0 | 15 | 25 | 79 | 71 | 75.0 | 0.00 | | 44.0 | 0.27 |
| 10 | 89 | 69 | 79.0 | 0 | 14 | 26 | 79 | 73 | 76.0 | 0.30 | | 65.0 | 0.24 |
| 11 | 84 | 60 | 72.0 | 0 | 7 | 24 | 77 | 71 | 74.0 | 0.00 | | 61.0 | 0.28 |
| 12 | 76 | 51 | 63.5 | 2 | 0 | 21 | 76 | 66 | 71.0 | 0.00 | | 145.0 | 0.32 |
| 13 | 81 | 57 | 69.0 | 0 | 4 | 20 | 74 | 66 | 70.0 | 0.00 | | 215.0 | 0.55 |
| 14 | 94 | 69 | 81.5 | 0 | 17 | 23 | 78 | 68 | 73.0 | 0.00 | | 64.0 | 0.27 |
| 15 | 88 | 60 | 74.0 | 0 | 9 | 24 | 78 | 69 | 73.5 | 0.13 | | 51.0 | 0.25 |
| 16 | 80 | 57 | 68.5 | 0 | 4 | 22 | 76 | 68 | 72.0 | 0.00 | | 53.0 | 0.21 |
| 17 | 77 | 52 | 64.5 | 1 | 0 | 20 | 74 | 65 | 69.5 | 0.00 | | 49.0 | 0.30 |
| 18 | 81 | 52 | 66.5 | 0 | 2 | 20 | 74 | 65 | 69.5 | 0.00 | | 38.0 | 0.25 |
| 19 | 86 | 60 | 73.0 | 0 | 8 | 21 | 77 | 65 | 71.0 | 0.00 | | 38.0 | 0.32 |
| 20 | 88 | 69 | 78.5 | 0 | 14 | 24 | 79 | 68 | 73.5 | 0.00 | | 82.0 | 0.02 |
| 21 | 75 | 66 | 70.5 | 0 | 6 | 22 | 73 | 70 | 71.5 | 0.63 | | 79.0 | 0.07 |
| 22 | 76 | 63 | 69.5 | 0 | 5 | 20 | 73 | 67 | 70.0 | 0.03 | | 98.0 | 0.06 |
| 23 | 79 | 62 | 70.5 | 0 | 6 | 20 | 71 | 68 | 69.5 | 0.00 | | 72.0 | 0.38 |
| 24 | 83 | 64 | 73.5 | 0 | 9 | 21 | 75 | 67 | 71.0 | 0.00 | | 24.0 | 0.06 |
| 25 | 81 | 68 | 74.5 | 0 | 10 | 22 | 74 | 69 | 71.5 | 0.21 | | 48.0 | 0.16 |
| 26 | 86 | 70 | 78.0 | 0 | 13 | 21 | 71 | 71 | 71.0 | 0.00 | | 145.0 | 0.28 |
| 27 | 83 | 66 | 74.5 | 0 | 10 | 23 | 75 | 70 | 72.5 | 0.93 | | 191.0 | 0.34 |
| 28 | 84 | 73 | 78.5 | 0 | 14 | 23 | 76 | 70 | 73.0 | 0.00 | | 133.0 | 0.18 |
| 29 | 79 | 60 | 69.5 | 0 | 5 | 20 | 71 | 69 | 70.0 | 0.00 | | 25.0 | 0.24 |
| 30 | 78 | 61 | 69.5 | 0 | 5 | 22 | 77 | 67 | 72.0 | 0.00 | | 46.0 | 0.15 |
| 31 | 84 | 63 | 73.5 | 0 | 9 | 23 | 77 | 69 | 73.0 | 0.00 | | 41.0 | 0.11 |
| TOTAL | | | | 2 | 250 | 683 | | | | 3.47 | | 2265 | 7.54 |
| MEAN | 83.0 | 63.0 | 73.0 | 0 | 8 | 22 | 75.8 | 68.3 | 72.0 | 0.11 | | 73.1 | 0.24 |
| RECORD | 16 | 16 | 16 | 16 | 16 | 8 | 8 | 8 | 8 | 16 | | 10 | 10 |
| MONTH | | | | | | | | | | | | | |
| AVERAGE | 83.9 | 60.6 | 72.2 | 0 | 7 | 23 | 75.5 | 69.6 | 72.5 | 4.40 | | 61.3 | 6.94 |

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 NORTHWESTERN BRANCH AUGUST 1973

| DAY | MAX | AIR TEMP | MIN | AVG | 1 | 2 | 3 | MAX | MIN | AVG | PREC | SOLAR RAD | WIND | EVAP |
|-----|-----|----------|------|-----|----|----|----|-----|------|------|------|-----------|------|------|
| 1 | 81 | 67 | 74.0 | 0 | 9 | 23 | 75 | 70 | 72.5 | 0.00 | | 96.0 | 0.18 | |
| 2 | 71 | 58 | 64.5 | 1 | 0 | 22 | 76 | 68 | 72.0 | 0.00 | | 87.0 | 0.20 | |
| 3 | 79 | 58 | 68.5 | 0 | 4 | 22 | 77 | 67 | 72.0 | 0.00 | | 39.0 | 0.20 | |
| 4 | 79 | 56 | 67.5 | 0 | 3 | 22 | 78 | 66 | 72.0 | 0.00 | | 30.0 | 0.22 | |
| 5 | 83 | 58 | 70.5 | 0 | 6 | 23 | 76 | 69 | 72.5 | 0.00 | | 42.0 | 0.25 | |
| 6 | 85 | 62 | 73.5 | 0 | 9 | 24 | 78 | 69 | 73.5 | 0.00 | | 48.0 | 0.27 | |
| 7 | 86 | 63 | 74.5 | 0 | 10 | 21 | 73 | 69 | 71.0 | 0.00 | | 76.0 | 0.29 | |
| 8 | 86 | 65 | 75.5 | 0 | 11 | 23 | 77 | 69 | 73.0 | 0.00 | | 137.0 | 0.35 | |
| 9 | 92 | 71 | 81.5 | 0 | 17 | 25 | 80 | 70 | 75.0 | 0.00 | | 148.0 | 0.38 | |
| 10 | 92 | 69 | 80.5 | 0 | 16 | 26 | 79 | 73 | 76.0 | 0.00 | | 85.0 | 0.18 | |
| 11 | 83 | 62 | 72.5 | 0 | 8 | 25 | 79 | 70 | 74.5 | 0.00 | | 68.0 | 0.19 | |
| 12 | 83 | 65 | 74.0 | 0 | 9 | 22 | 75 | 69 | 72.0 | 0.02 | | 74.0 | 0.17 | |
| 13 | 82 | 59 | 70.5 | 0 | 6 | 24 | 78 | 70 | 74.0 | 0.00 | | 48.0 | 0.27 | |
| 14 | 83 | 64 | 73.5 | 0 | 9 | 23 | 77 | 69 | 73.0 | 0.04 | | 56.0 | 0.06 | |
| 15 | 72 | 60 | 66.0 | 0 | 1 | 19 | 71 | 66 | 68.5 | 0.60 | | 32.0 | 0.22 | |
| 16 | 81 | 57 | 69.0 | 0 | 4 | 19 | 73 | 65 | 69.0 | 0.00 | | 22.0 | 0.16 | |
| 17 | 81 | 61 | 71.0 | 0 | 6 | 20 | 74 | 66 | 70.0 | 0.00 | | 27.0 | 0.21 | |
| 18 | 83 | 61 | 72.0 | 0 | 7 | 23 | 76 | 70 | 73.0 | 0.00 | | 44.0 | 0.17 | |
| 19 | 83 | 62 | 72.5 | 0 | 8 | 23 | 76 | 70 | 73.0 | 0.00 | | 55.0 | 0.14 | |
| 20 | 82 | 64 | 73.0 | 0 | 8 | 21 | 73 | 69 | 71.0 | 0.23 | | 93.0 | 0.28 | |
| 21 | 81 | 52 | 66.5 | 0 | 2 | 19 | 73 | 64 | 68.5 | 0.00 | | 62.0 | 0.18 | |
| 22 | 72 | 49 | 60.5 | 5 | 0 | 18 | 72 | 63 | 67.5 | 0.00 | | 64.0 | 0.23 | |
| 23 | 70 | 46 | 58.0 | 7 | 0 | 17 | 71 | 62 | 66.5 | 0.00 | | 33.0 | 0.06 | |
| 24 | 72 | 48 | 60.0 | 5 | 0 | 15 | 69 | 61 | 65.0 | 0.07 | | 27.0 | 0.11 | |
| 25 | 72 | 56 | 64.0 | 1 | 0 | 18 | 71 | 64 | 67.5 | 0.00 | | 23.0 | 0.13 | |
| 26 | 85 | 65 | 75.0 | 0 | 10 | 20 | 76 | 64 | 70.0 | 0.00 | | 97.0 | 0.16 | |
| 27 | 90 | 69 | 79.5 | 0 | 15 | 24 | 77 | 70 | 73.5 | 0.00 | | 126.0 | 0.35 | |
| 28 | 93 | 72 | 82.5 | 0 | 18 | 26 | 78 | 73 | 75.5 | 0.00 | | 63.0 | 0.30 | |
| 29 | 93 | 67 | 80.0 | 0 | 15 | 28 | 81 | 75 | 78.0 | 0.00 | | 32.0 | 0.22 | |
| 30 | 91 | 67 | 79.0 | 0 | 14 | 28 | 81 | 75 | 78.0 | 0.00 | | 31.0 | 0.14 | |
| 31 | 85 | 63 | 74.0 | 0 | 9 | 26 | 80 | 72 | 76.0 | 0.00 | | 20.0 | 0.17 | |

| | | | | | | | | | | | | |
|------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| TOTAL | 18 | 227 | 684 | 0.96 | 1885 | 6.44 | | | | | | |
| MEAN YEARS OF RECORD MONTH AVERAGE | 82.3 | 61.2 | 71.7 | 1 | 7 | 22 | 75.8 | 68.3 | 72.0 | 0.03 | 60.8 | 0.21 |
| | 16 | 16 | 16 | 16 | 16 | 8 | 8 | 8 | 8 | 16 | 10 | 10 |
| | 82.4 | 58.7 | 70.5 | 1 | 6 | 21 | 74.5 | 68.5 | 71.5 | 2.61 | 58.3 | 5.87 |

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 NORTHWESTERN BRANCH SEPTEMBER 1973

| DAY | *** AIR TEMP *** | | ** DEGREE DAY | | *** SOIL TEMP *** | | | PREC | RAD | WIND | EVAP | |
|---------|------------------|------|---------------|----|-------------------|-----|------|------|------|------|-------|------|
| | MAX | MIN | 1 | 2 | 3 | MAX | MIN | | | | | AVG |
| 1 | 90 | 66 | 78.0 | 0 | 13 | 26 | 80 | 71 | 75.5 | 0.00 | 48.0 | 0.24 |
| 2 | 91 | 68 | 79.5 | 0 | 15 | 27 | 79 | 74 | 76.5 | 0.00 | 20.0 | 0.22 |
| 3 | 95 | 67 | 81.0 | 0 | 16 | 29 | 85 | 73 | 79.0 | 0.00 | 21.0 | 0.22 |
| 4 | 94 | 66 | 80.0 | 0 | 15 | 29 | 83 | 75 | 79.0 | 0.00 | 38.0 | 0.26 |
| 5 | 92 | 67 | 79.5 | 0 | 15 | 29 | 83 | 75 | 79.0 | 0.00 | 68.0 | 0.19 |
| 6 | 84 | 63 | 73.5 | 0 | 9 | 26 | 78 | 73 | 75.5 | 0.00 | 87.0 | 0.31 |
| 7 | 80 | 49 | 64.5 | 1 | 0 | 22 | 77 | 66 | 71.5 | 0.00 | 67.0 | 0.24 |
| 8 | 78 | 51 | 64.5 | 1 | 0 | 20 | 75 | 65 | 70.0 | 0.00 | 58.0 | 0.13 |
| 9 | 69 | 56 | 62.5 | 3 | 0 | 19 | 72 | 65 | 68.5 | 0.16 | 38.0 | 0.11 |
| 10 | 71 | 46 | 58.5 | 7 | 0 | 15 | 68 | 61 | 64.5 | 0.02 | 96.0 | 0.22 |
| 11 | 77 | 48 | 62.5 | 3 | 0 | 16 | 72 | 60 | 66.0 | 0.00 | 93.0 | 0.24 |
| 12 | 78 | 45 | 61.5 | 4 | 0 | 16 | 71 | 60 | 65.5 | 0.00 | 33.0 | 0.22 |
| 13 | 73 | 46 | 59.5 | 6 | 0 | 16 | 71 | 60 | 65.5 | 0.00 | 85.0 | 0.17 |
| 14 | 74 | 49 | 61.5 | 4 | 0 | 14 | 67 | 60 | 63.5 | 0.00 | 49.0 | 0.15 |
| 15 | 75 | 46 | 60.5 | 5 | 0 | 15 | 69 | 61 | 65.0 | 0.00 | 76.0 | 0.25 |
| 16 | 78 | 50 | 64.0 | 1 | 0 | 15 | 70 | 60 | 65.0 | 0.00 | 72.0 | 0.16 |
| 17 | 68 | 54 | 61.0 | 4 | 0 | 15 | 68 | 61 | 64.5 | 0.00 | 114.0 | 0.06 |
| 18 | 71 | 47 | 59.0 | 6 | 0 | 11 | 63 | 58 | 60.5 | 0.07 | 90.0 | 0.17 |
| 19 | 71 | 45 | 58.0 | 7 | 0 | 12 | 65 | 58 | 61.5 | 0.00 | 76.0 | 0.23 |
| 20 | 69 | 50 | 59.5 | 6 | 0 | 11 | 67 | 55 | 61.0 | 0.00 | 69.0 | 0.10 |
| 21 | 64 | 42 | 53.0 | 12 | 0 | 9 | 62 | 56 | 59.0 | 0.00 | 137.0 | 0.21 |
| 22 | 72 | 42 | 57.0 | 8 | 0 | 9 | 63 | 55 | 59.0 | 0.00 | 135.0 | 0.24 |
| 23 | 82 | 54 | 68.0 | 0 | 3 | 15 | 68 | 61 | 64.5 | 0.12 | 97.0 | 0.25 |
| 24 | 81 | 50 | 65.5 | 0 | 1 | 14 | 68 | 60 | 64.0 | 0.00 | 116.0 | 0.22 |
| 25 | 77 | 51 | 64.0 | 1 | 0 | 14 | 68 | 60 | 64.0 | 0.00 | 41.0 | 0.13 |
| 26 | 87 | 59 | 73.0 | 0 | 8 | 15 | 70 | 60 | 65.0 | 0.00 | 40.0 | 0.22 |
| 27 | 86 | 60 | 73.0 | 0 | 8 | 20 | 73 | 66 | 69.5 | 0.00 | 88.0 | 0.22 |
| 28 | 89 | 60 | 74.5 | 0 | 10 | 19 | 72 | 65 | 68.5 | 0.02 | 51.0 | 0.03 |
| 29 | 70 | 62 | 66.0 | 0 | 1 | 17 | 67 | 66 | 66.5 | 0.14 | 89.0 | 0.05 |
| 30 | 70 | 56 | 63.0 | 2 | 0 | 15 | 68 | 62 | 65.0 | 0.17 | | 0.20 |
| TOTAL | | | | 76 | 112 | 522 | | | 0.70 | | 2092 | 5.66 |
| MEAN | 78.5 | 53.8 | 66.2 | 3 | 4 | 17 | 71.4 | 63.4 | 67.4 | 0.02 | 72.1 | 0.19 |
| RECORD | 16 | 16 | 16 | 16 | 16 | 8 | 8 | 8 | 8 | 16 | 10 | 10 |
| MONTH | | | | | | | | | | | | |
| AVERAGE | 77.3 | 53.1 | 65.2 | 3 | 4 | 16 | 68.6 | 63.2 | 65.9 | 3.10 | 59.0 | 4.15 |

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 | *** | *** | SOIL | TEMP | MIN | AVG | *** | PREC | SOLAR | WIND | EVAP |
|-------|-----|----------|-----|------|-----|------|--------|------|------|-------|------|------|-----|-----|-----|------|-------|------|------|
| | | | | | | | | | | | MAX | MIN | | | | | RAD | | |
| 1 | 72 | 54 | 54 | 63.0 | 13 | 66 | 60 | 63.0 | 0.00 | 61.0 | 0.00 | | | | | | | | |
| 2 | 71 | 57 | 57 | 64.0 | 13 | 65 | 60 | 62.5 | 0.15 | 67.0 | 0.59 | | | | | | | | |
| 3 | 69 | 51 | 51 | 60.0 | 13 | 65 | 60 | 62.5 | 0.48 | 47.0 | 0.10 | | | | | | | | |
| 4 | 76 | 55 | 55 | 65.5 | 13 | 66 | 60 | 63.0 | 0.09 | 130.0 | 0.22 | | | | | | | | |
| 5 | 77 | 44 | 44 | 60.5 | 12 | 64 | 59 | 61.5 | 0.69 | 36.0 | 0.13 | | | | | | | | |
| 6 | 66 | 40 | 40 | 53.0 | 12 | 66 | 55 | 60.5 | 0.00 | 38.0 | 0.11 | | | | | | | | |
| 7 | 66 | 40 | 40 | 53.0 | 7 | 59 | 54 | 56.5 | 0.07 | 38.0 | 0.06 | | | | | | | | |
| 8 | 73 | 53 | 53 | 63.0 | 11 | 64 | 58 | 61.0 | 0.00 | 30.0 | 0.09 | | | | | | | | |
| 9 | 77 | 52 | 52 | 64.5 | 12 | 66 | 58 | 62.0 | 0.00 | 33.0 | 0.08 | | | | | | | | |
| 10 | 77 | 51 | 51 | 64.0 | 14 | 67 | 61 | 64.0 | 0.00 | 39.0 | 0.13 | | | | | | | | |
| 11 | 79 | 51 | 51 | 65.0 | 13 | 66 | 60 | 63.0 | 0.00 | 35.0 | 0.10 | | | | | | | | |
| 12 | 79 | 54 | 54 | 66.5 | 14 | 67 | 60 | 63.5 | 0.00 | 103.0 | 0.17 | | | | | | | | |
| 13 | 79 | 59 | 59 | 69.0 | 14 | 66 | 61 | 63.5 | 0.00 | 52.0 | 0.04 | | | | | | | | |
| 14 | 67 | 44 | 44 | 55.5 | 10 | 63 | 57 | 60.0 | 0.11 | 160.0 | 0.20 | | | | | | | | |
| 15 | 70 | 45 | 45 | 57.5 | 8 | 59 | 57 | 58.0 | 0.00 | 146.0 | 0.24 | | | | | | | | |
| 16 | 77 | 39 | 39 | 58.0 | 8 | 62 | 54 | 58.0 | 0.00 | 142.0 | 0.18 | | | | | | | | |
| 17 | 57 | 39 | 39 | 48.0 | 4 | 55 | 52 | 53.5 | 0.00 | 142.0 | 0.10 | | | | | | | | |
| 18 | 58 | 40 | 40 | 49.0 | 3 | 54 | 51 | 52.5 | 0.00 | 80.0 | 0.14 | | | | | | | | |
| 19 | 58 | 30 | 30 | 44.0 | 2 | 55 | 48 | 51.5 | 0.00 | 125.0 | 0.18 | | | | | | | | |
| 20 | 69 | 33 | 33 | 51.0 | 1 | 54 | 47 | 50.5 | 0.00 | 44.0 | 0.09 | | | | | | | | |
| 21 | 59 | 32 | 32 | 45.5 | 1 | 54 | 48 | 51.0 | 0.00 | 34.0 | 0.10 | | | | | | | | |
| 22 | 62 | 32 | 32 | 47.0 | 1 | 53 | 48 | 50.5 | 0.00 | 16.0 | 0.08 | | | | | | | | |
| 23 | 68 | 33 | 33 | 50.5 | 1 | 54 | 47 | 50.5 | 0.00 | 22.0 | 0.10 | | | | | | | | |
| 24 | 71 | 37 | 37 | 54.0 | 2 | 55 | 48 | 51.5 | 0.00 | 44.0 | 0.12 | | | | | | | | |
| 25 | 76 | 43 | 43 | 59.5 | 3 | 57 | 49 | 53.0 | 0.00 | 114.0 | 0.21 | | | | | | | | |
| 26 | 77 | 50 | 50 | 63.5 | 6 | 59 | 52 | 55.5 | 0.00 | 54.0 | 0.26 | | | | | | | | |
| 27 | 65 | 37 | 37 | 51.0 | 4 | 57 | 50 | 53.5 | 0.13 | 92.0 | 0.00 | | | | | | | | |
| 28 | 62 | 39 | 39 | 50.5 | 2 | 54 | 50 | 52.0 | 0.00 | 93.0 | 0.06 | | | | | | | | |
| 29 | 50 | 43 | 43 | 46.5 | 2 | 53 | 50 | 51.5 | 0.48 | 135.0 | 0.10 | | | | | | | | |
| 30 | 51 | 44 | 44 | 47.5 | 0 | 50 | 49 | 49.5 | 1.04 | 130.0 | 0.04 | | | | | | | | |
| 31 | 52 | 44 | 44 | 48.0 | 0 | 50 | 50 | 50.0 | 0.02 | 169.0 | 0.01 | | | | | | | | |
| TOTAL | | 284 | 6 | 210 | | 3.26 | | | | 2451 | 4.03 | | | | | | | | |

| | | | | | | | | | | |
|-----------------|------|------|------|---|------|------|------|------|------|------|
| MEAN | 68.1 | 44.0 | 56.0 | 7 | 59.5 | 54.0 | 56.7 | 0.11 | 79.1 | 0.13 |
| YEARS OF RECORD | 16 | 16 | 16 | 8 | 8 | 8 | 8 | 16 | 8 | 7 |
| MONTH AVERAGE | 65.9 | 42.5 | 54.2 | 6 | 56.7 | 52.9 | 54.8 | 1.86 | 75.2 | 2.66 |

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