

PRELIMINARY Local Climatological Data (WS Form F-6)

Station: YOUNGSTOWN OHIO  
 Month: MAR  
 Year: 2002

| Temperature in F :  |      | :Pcpr |     | :Snow: |     | Wind |      | :Sunshine: |       | Sky   |        | :Pk Wnd |      |      |     |     |          |     |
|---------------------|------|-------|-----|--------|-----|------|------|------------|-------|-------|--------|---------|------|------|-----|-----|----------|-----|
| ===== Columns ===== |      |       |     |        |     |      |      |            |       |       |        |         |      |      |     |     |          |     |
| 1                   | 2    | 3     | 4   | 5      | 6a  | 6b   | 7    | 8          | 9     | 10    | 11     | 12      | 13   | 14   | 15  | 16  | 17       | 18  |
| Dy                  | Max  | Min   | Avg | Dep    | HDD | CDD  | Wtr  | Snw        | Dpth  | Avg   | Spd    | Dir     | Min  | Psb1 | S-S | Wx  | Spd      | Dr  |
| =====               |      |       |     |        |     |      |      |            |       |       |        |         |      |      |     |     |          |     |
| 1                   | 40   | 22    | 31  | -1     | 34  | 0    | 0.00 | 0.0        | 3     | 9.5   | 21     | 260     | M    | M    | M   |     | 28       | 240 |
| 2                   | 52   | 30    | 41  | 9      | 24  | 0    | 0.24 | 0.0        | T     | 15.6  | 29     | 140     | M    | M    | M   |     | 35       | 130 |
| 3                   | 48   | 18    | 33  | 1      | 32  | 0    | T    | 0.2        | 0     | 16.8  | 30     | 230     | M    | M    | M   | 1   | 38       | 240 |
| 4                   | 18   | 10    | 14  | -19    | 51  | 0    | T    | 0.1        | T     | 13.7  | 22     | 250     | M    | M    | M   |     | 28       | 270 |
| 5                   | 36   | 10    | 23  | -10    | 42  | 0    | 0.04 | 0.8        | 1     | 9.6   | 22     | 240     | M    | M    | M   | 1   | 26       | 260 |
| 6                   | 58   | 31    | 45  | 12     | 20  | 0    | T    | T          | 0     | 13.1  | 24     | 240     | M    | M    | M   |     | 31       | 250 |
| 7                   | 53   | 38    | 46  | 12     | 19  | 0    | T    | 0.0        | 0     | 6.1   | 10     | 90      | M    | M    | M   | 1   | 13       | 20  |
| 8                   | 71   | 38    | 55  | 21     | 10  | 0    | 0.00 | 0.0        | 0     | 11.1  | 24     | 200     | M    | M    | M   |     | 30       | 180 |
| 9                   | 69   | 28    | 49  | 15     | 16  | 0    | 0.25 | T          | 0     | 20.0  | 48     | 250     | M    | M    | M   | 1   | 63       | 230 |
| 10                  | 29   | 21    | 25  | -10    | 40  | 0    | T    | 0.1        | 0     | 20.7  | 37     | 240     | M    | M    | M   |     | 49       | 230 |
| 11                  | 37   | 16    | 27  | -8     | 38  | 0    | T    | T          | 0     | 7.0   | 16     | 110     | M    | M    | M   |     | 17       | 110 |
| 12                  | 48   | 32    | 40  | 5      | 25  | 0    | T    | 0.0        | 0     | 5.6   | 12     | 200     | M    | M    | M   |     | 15       | 200 |
| 13                  | 62   | 36    | 49  | 13     | 16  | 0    | 0.00 | 0.0        | 0     | 6.9   | 15     | 240     | M    | M    | M   |     | 17       | 240 |
| 14                  | 66   | 38    | 52  | 16     | 13  | 0    | 0.00 | 0.0        | 0     | 6.8   | 17     | 180     | M    | M    | M   | 8,1 | 21       | 180 |
| 15                  | 68   | 46    | 57  | 21     | 8   | 0    | 0.32 | 0.0        | 0     | 11.8  | 23     | 240     | M    | M    | M   | 1   | 28       | 230 |
| 16                  | 46   | 28    | 37  | 0      | 28  | 0    | 0.14 | 0.0        | 0     | 12.1  | 18     | 340     | M    | M    | M   | 1   | 22       | 10  |
| 17                  | 43   | 28    | 36  | -1     | 29  | 0    | 0.01 | 0.0        | 0     | 14.7  | 23     | 100     | M    | M    | M   | 1   | 30       | 130 |
| 18                  | 47   | 36    | 42  | 5      | 23  | 0    | T    | 0.0        | 0     | 9.5   | 17     | 160     | M    | M    | M   | 1   | 21       | 270 |
| 19                  | 46   | 32    | 39  | 1      | 26  | 0    | 0.02 | 0.0        | 0     | 8.3   | 17     | 110     | M    | M    | M   |     | 22       | 120 |
| 20                  | 46   | 32    | 39  | 1      | 26  | 0    | 0.31 | 0.0        | 0     | 10.7  | 22     | 330     | M    | M    | M   | 1,8 | 26       | 330 |
| 21                  | 46   | 18    | 32  | -6     | 33  | 0    | 0.12 | 1.6        | 0     | 12.9  | 35     | 330     | M    | M    | M   | 1   | 44       | 330 |
| 22                  | 25   | 9     | 17  | -22    | 48  | 0    | 0.08 | 1.0        | 2     | 13.4  | 25     | 260     | M    | M    | M   | 1   | 33       | 270 |
| 23                  | 44   | 22    | 33  | -6     | 32  | 0    | 0.00 | 0.0        | 1     | 16.9  | 31     | 240     | M    | M    | M   |     | 37       | 230 |
| 24                  | 40   | 28    | 34  | -5     | 31  | 0    | 0.21 | 0.4        | 0     | 7.8   | 18     | 250     | M    | M    | M   | 1,8 | 22       | 240 |
| 25                  | 31   | 27    | 29  | -11    | 36  | 0    | 0.55 | 6.1        | T     | 10.7  | 18     | 60      | M    | M    | M   | 1   | 22       | 60  |
| 26                  | 39   | 29    | 34  | -6     | 31  | 0    | 0.52 | 0.1        | 5     | 8.2   | 21     | 270     | M    | M    | M   | 1,2 | 26       | 310 |
| 27                  | 39   | 28    | 34  | -6     | 31  | 0    | 0.02 | 0.2        | 2     | 8.1   | 17     | 320     | M    | M    | M   | 1,8 | 21       | 330 |
| 28                  | 48   | 20    | 34  | -7     | 31  | 0    | T    | 0.0        | 0     | 5.6   | 13     | 230     | M    | M    | M   | 1,8 | 17       | 210 |
| 29                  | 66   | 43    | 55  | 13     | 10  | 0    | 0.34 | 0.0        | 0     | 10.0  | 26     | 290     | M    | M    | M   | 3,1 | 36       | 270 |
| 30                  | 57   | 37    | 47  | 5      | 18  | 0    | 0.00 | 0.0        | 0     | 11.9  | 26     | 240     | M    | M    | M   | 1   | 33       | 240 |
| 31                  | 52   | 32    | 42  | 0      | 23  | 0    | 0.00 | 0.0        | 0     | 4.6   | 13     | 180     | M    | M    | M   |     | 15       | 190 |
| =====               |      |       |     |        |     |      |      |            |       |       |        |         |      |      |     |     |          |     |
| Sm                  | 1470 | 863   |     |        | 844 | 0    | 3.17 | 10.6       |       | 339.7 |        |         | M    |      | M   |     |          |     |
| =====               |      |       |     |        |     |      |      |            |       |       |        |         |      |      |     |     |          |     |
| Av                  | 47.4 | 27.8  |     |        |     |      |      |            |       | 11.0  | Fastst |         | Psb1 | %    | M   |     | Max(mph) |     |
|                     |      |       |     |        |     |      |      | Misc       | ----> | 48    | 250    |         |      |      |     |     | 63       | 230 |
| =====               |      |       |     |        |     |      |      |            |       |       |        |         |      |      |     |     |          |     |

Notes:

# Last of several occurrences  
Column 17 Peak Wind in MPH

Preliminary Local Climatological Data (WS Form F-6), Page 2

Station: YOUNGSTOWN OHIO  
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Year: 2002

|                       |                            |                             |
|-----------------------|----------------------------|-----------------------------|
| [Temperature Data]    | [Precipitation Data]       | SYMBOLS USED IN COLUMN 16   |
| Average Monthly: 37.6 | Total for month: 3.17      | 1 = FOG                     |
| Dptr fm normal: 0.9   | Dptr fm normal: 0.12       | 2 = FOG REDUCING VISIBILITY |
| Highest: 71 on 8      | Grstst 24 hr 0.55 on 25-26 | TO 1/4 MILE OR LESS         |
| Lowest: 9 on 22       |                            | 3 = THUNDER                 |
|                       | SNOW, ICE PELLETS, HAIL    | 4 = ICE PELLETS             |
|                       | Total for month 10.6 In    | 5 = HAIL                    |
|                       | Grstst 24 hr 6.1 on 25     | 6 = GLAZE OR RIME           |
|                       | Grstst depth: 5 on 26      | 7 = BLOWING DUST OR SAND:   |
|                       |                            | VSBY 1/2 MILE OR LESS       |
|                       |                            | 8 = SMOKE OR HAZE           |
| [No. of days with]    | [Weather - days with]      | 9 = BLOWING SNOW            |
|                       |                            | X = TORNADO                 |
| Max 32 or below: 4    | 0.01 inch or more: 15      |                             |
| Max 90 or above: 0    | 0.10 inch or more: 10      |                             |
| Min 32 or below: 23   | 0.50 inch or more: 2       |                             |
| Min 0 or below: 0     | 1.00 inch or more: 0       |                             |
| [HDD (Base 65)]       |                            |                             |
| Total this Mo. 844    | Clear (scale 0-3): M       |                             |
| Dptr fm normal -47    | PtCldy (scale 4-7): M      |                             |
| Seasonal total 4682   | Cloudy (scale 8-10): M     |                             |
| Dptr fm normal -992   |                            |                             |
| [CDD (Base 65)]       |                            |                             |
| Total this Mo. 0      |                            |                             |
| Dptr fm normal 0      | [Pressure Data]            |                             |
| Seasonal total 0      | Highest SLP: 30.48 on 11   |                             |
| Dptr fm normal 0      | Lowest SLP: 29.52 on 3     |                             |

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# = LAST OF SEVERAL OCCURRENCES