

PRELIMINARY Local Climatological Data (WS Form F-6)

Station: CLEVELAND INTL AIRPORT  
 Month: DEC  
 Year: 2001

| Temperature in F :  |      | :Pcpn |     | :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                   | 46   | 42    | 44  | 8      | 21  | 0    | 0.00 | 0.0        | 0     | 12.9  | 26     | 240     | 13    | 2    | M     |          | 33  | 250 |  |
| 2                   | 51   | 35    | 43  | 7      | 22  | 0    | 0.00 | 0.0        | 0     | 5.7   | 9      | 180     | 485   | 86   | M 1   |          | 12  | 190 |  |
| 3                   | 59   | 40    | 50  | 14     | 15  | 0    | 0.00 | 0.0        | 0     | 10.3  | 17     | 240     | 503   | 90   | M     |          | 22  | 190 |  |
| 4                   | 60   | 47    | 54  | 19     | 11  | 0    | T    | 0.0        | 0     | 11.0  | 18     | 200     | 36    | 6    | M     |          | 26  | 220 |  |
| 5                   | 71   | 56    | 64  | 29     | 1   | 0    | T    | 0.0        | 0     | 12.4  | 22     | 210     | 403   | 72   | M     |          | 28  | 200 |  |
| 6                   | 65   | 47    | 56  | 22     | 9   | 0    | 0.01 | 0.0        | 0     | 10.0  | 31     | 270     | 0     | 0    | M 1   |          | 40  | 260 |  |
| 7                   | 50   | 39    | 45  | 11     | 20  | 0    | 0.00 | 0.0        | 0     | 7.3   | 14     | 290     | 306   | 55   | M 1   |          | 17  | 290 |  |
| 8                   | 45   | 35    | 40  | 7      | 25  | 0    | 0.00 | 0.0        | 0     | 6.2   | 14     | 70      | 0     | 0    | M     |          | 16  | 70  |  |
| 9                   | 41   | 29    | 35  | 2      | 30  | 0    | 0.03 | 0.0        | 0     | 6.9   | 15     | 10      | 118   | 21   | M 1   |          | 18  | 360 |  |
| 10                  | 46   | 27    | 37  | 4      | 28  | 0    | 0.00 | 0.0        | 0     | 4.8   | 10     | 160     | 486   | 88   | M 1   |          | 13  | 210 |  |
| 11                  | 49   | 24    | 37  | 5      | 28  | 0    | 0.00 | 0.0        | 0     | 3.6   | 10     | 110     | 555   | 100  | M 1,8 |          | 14  | 110 |  |
| 12                  | 54   | 30    | 42  | 10     | 23  | 0    | 0.10 | 0.0        | 0     | 7.5   | 16     | 170     | 14    | 3    | M 1   |          | 18  | 160 |  |
| 13                  | 57   | 47    | 52  | 20     | 13  | 0    | 0.04 | 0.0        | 0     | 10.3  | 17     | 280     | 0     | 0    | M 1   |          | 22  | 290 |  |
| 14                  | 48   | 38    | 43  | 12     | 22  | 0    | 0.75 | 0.0        | 0     | 9.9   | 31     | 320     | 0     | 0    | M 1   |          | 39  | 320 |  |
| 15                  | 43   | 35    | 39  | 8      | 26  | 0    | 0.00 | 0.0        | 0     | 5.9   | 14     | 110     | 113   | 20   | M     |          | 16  | 110 |  |
| 16                  | 45   | 33    | 39  | 8      | 26  | 0    | 0.09 | 0.0        | 0     | 7.9   | 14     | 120     | 0     | 0    | M 1   |          | 17  | 110 |  |
| 17                  | 49   | 40    | 45  | 15     | 20  | 0    | 1.09 | 0.0        | 0     | 8.9   | 20     | 360     | 0     | 0    | M 1   |          | 24  | 10  |  |
| 18                  | 43   | 34    | 39  | 9      | 26  | 0    | 0.01 | 0.0        | 0     | 12.7  | 21     | 270     | 17    | 3    | M 1   |          | 26  | 260 |  |
| 19                  | 48   | 34    | 41  | 11     | 24  | 0    | 0.07 | T          | 0     | 11.5  | 28     | 280     | 264   | 48   | M     |          | 35  | 270 |  |
| 20                  | 39   | 32    | 36  | 7      | 29  | 0    | T    | T          | 0     | 16.8  | 30     | 260     | 368   | 67   | M     |          | 37  | 290 |  |
| 21                  | 37   | 24    | 31  | 2      | 34  | 0    | T    | T          | 0     | 8.7   | 17     | 270     | 468   | 85   | M     |          | 22  | 280 |  |
| 22                  | 48   | 25    | 37  | 8      | 28  | 0    | T    | 0.0        | 0     | 12.4  | 23     | 160     | 451   | 82   | M     |          | 30  | 160 |  |
| 23                  | 47   | 28    | 38  | 10     | 27  | 0    | 0.12 | 0.1        | 0     | 14.8  | 32     | 250     | 0     | 0    | M 1,2 |          | 40  | 240 |  |
| 24                  | 29   | 22    | 26  | -2     | 39  | 0    | 0.02 | 0.2        | T     | 15.7  | 32     | 250     | 61    | 11   | M 1   |          | 38  | 250 |  |
| 25                  | 24   | 17    | 21  | -7     | 44  | 0    | T    | T          | T     | 11.8  | 20     | 230     | 241   | 44   | M     |          | 24  | 230 |  |
| 26                  | 25   | 16    | 21  | -7     | 44  | 0    | 0.01 | 0.1        | T     | 11.4  | 21     | 230     | 264   | 48   | M 1   |          | 26  | 260 |  |
| 27                  | 28   | 18    | 23  | -4     | 42  | 0    | 0.12 | 2.2        | T     | 13.0  | 22     | 240     | 0     | 0    | M 1   |          | 26  | 240 |  |
| 28                  | 29   | 24    | 27  | 0      | 38  | 0    | 0.06 | 0.9        | 2     | 13.6  | 26     | 240     | 199   | 36   | M 1,9 |          | 32  | 260 |  |
| 29                  | 24   | 16    | 20  | -7     | 45  | 0    | 0.01 | 0.2        | 2     | 15.5  | 23     | 250     | 211   | 38   | M 1   |          | 26  | 270 |  |
| 30                  | 20   | 11    | 16  | -11    | 49  | 0    | T    | T          | 2     | 15.8  | 24     | 230     | 477   | 86   | M     |          | 29  | 240 |  |
| 31                  | 20   | 14    | 17  | -10    | 48  | 0    | T    | T          | 1     | 12.1  | 20     | 230     | 82    | 15   | M     |          | 24  | 250 |  |
| =====               |      |       |     |        |     |      |      |            |       |       |        |         |       |      |       |          |     |     |  |
| Sm                  | 1340 | 959   |     |        | 857 | 0    | 2.53 | 3.7        |       | 327.3 |        | 6135    | 17296 |      |       |          |     |     |  |
| =====               |      |       |     |        |     |      |      |            |       |       |        |         |       |      |       |          |     |     |  |
| Av                  | 41.9 | 30.0  |     |        |     |      |      |            |       | 10.2  | Fastst | Psb1    | %     | 35   |       | Max(mph) |     |     |  |
|                     |      |       |     |        |     |      |      | Misc       | ----> | 32    | 250    |         |       |      |       | 40       | 240 |     |  |
| =====               |      |       |     |        |     |      |      |            |       |       |        |         |       |      |       |          |     |     |  |

Notes:

# Last of several occurrences  
Column 17 Peak Wind in MPH

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

Station: CLEVELAND INTL AIRPORT  
Month: DEC  
Year: 2001

|                       |                            |                             |
|-----------------------|----------------------------|-----------------------------|
| [Temperature Data]    | [Precipitation Data]       | SYMBOLS USED IN COLUMN 16   |
| Average Monthly: 37.1 | Total for month: 2.53      | 1 = FOG                     |
| Dptr fm normal: 6.0   | Dptr fm normal: -0.61      | 2 = FOG REDUCING VISIBILITY |
| Highest: 71 on 5      | Grstst 24 hr 1.15 on 16-17 | TO 1/4 MILE OR LESS         |
| Lowest: 11 on 30      |                            | 3 = THUNDER                 |
|                       | SNOW, ICE PELLETS, HAIL    | 4 = ICE PELLETS             |
|                       | Total for month 3.7 In     | 5 = HAIL                    |
|                       | Grstst 24 hr 2.2 on 27     | 6 = GLAZE OR RIME           |
|                       | Grstst depth: 2 on 30#     | 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            |
| Max 32 or below: 8    | 0.01 inch or more: 15      | X = TORNADO                 |
| Max 90 or above: 0    | 0.10 inch or more: 5       |                             |
| Min 32 or below: 16   | 0.50 inch or more: 2       |                             |
| Min 0 or below: 0     | 1.00 inch or more: 1       |                             |
| [HDD (Base 65)]       |                            |                             |
| Total this Mo. 857    | Clear (scale 0-3): M       |                             |
| Dptr fm normal -200   | PtCldy (scale 4-7): M      |                             |
| Seasonal total 1830   | Cloudy (scale 8-10): M     |                             |
| Dptr fm normal -396   |                            |                             |
| [CDD (Base 65)]       |                            |                             |
| Total this Mo. 0      |                            |                             |
| Dptr fm normal 0      | [Pressure Data]            |                             |
| Seasonal total 740    | Highest SLP: 30.51 on 16   |                             |
| Dptr fm normal 118    | Lowest SLP: 29.51 on 14    |                             |

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# = LAST OF SEVERAL OCCURRENCES