



# NOVEMBER 2004

## LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

# WILMINGTON, DE

NEW CASTLE COUNTY AIRPORT (ILG)  
 Lat: 39° 40' N Long: 75° 36' W Elev (Ground): 92 Feet  
 Time Zone: EASTERN WBAN: 13781 ISSN #: 0198-117X

NOVEMBER 2004  
WILMINGTON, DE

| DATE                           | TEMPERATURE °F |         |                                   |                 |                |                  | DEG DAYS BASE 65° |         | WEATHER                                     | SNOW/ICE ON GND (IN)                           |          | PRECIPITATION (INCHES) |                    | PRESSURE (INCHES OF HG) |                   | WIND SPEED = MPH DIR = TENS OF DEGREES |                 |                      |                      |                                |       | DATE |     |
|--------------------------------|----------------|---------|-----------------------------------|-----------------|----------------|------------------|-------------------|---------|---|--|----------|------------------------|--------------------|-------------------------|-------------------|--|-----------------|----------------------|----------------------|--------------------------------|-------|------|-----|
|                                | MAXIMUM        | MINIMUM | AVERAGE                           | DEP FROM NORMAL | AVERAGE DEW PT | AVERAGE WET BULB | HEATING           | COOLING |   | 0700 LST                                       | 1300 LST | 2400 LST               | 2400 LST           | AVERAGE STATION         | AVERAGE SEA LEVEL | RESULTANT SPEED                        | RES DIR         | AVERAGE SPEED        | MAXIMUM              |                                |       |      |     |
|                                |                |         |                                   |                 |                |                  |                   |         |   |  |          |                        |                    |                         |                   |  |                 |                      | 5-SEC                | 2-MIN                          | SPEED |      | DIR |
| 1                              | 2              | 3       | 4                                 | 5               | 6              | 7                | 8                 | 9       | 11  | 12   | 13       | 14                     | 15                 | 16                      | 17                | 18                                     | 19              | 20                   | 21                   | 22                             | 23    | 24   |     |
| 01                             | 64             | 47      | 56                                | 6               | 42             | 49               | 9                 | 0       |   |  | 0.0      | 0.00                   | 30.03              | 30.12                   | 5.9               | 29                                     | 7.9             | 21                   | 30                   | 16                             | 30    | 01   |     |
| 02                             | 64             | 48      | 56*                               | 6               | 48             | 52               | 9                 | 0       |   |  | 0.0      | 0.00                   | 29.98              | 30.07                   | 4.5               | 11                                     | 7.0             | 21                   | 17                   | 17                             | 18    | 02   |     |
| 03                             | 63             | 42      | 53                                | 3               | 40             | 48               | 12                | 0       |   |  | 0.0      | 0.00                   | 30.01              | 30.10                   | 9.3               | 32                                     | 10.4            | 32                   | 33                   | 26                             | 33    | 03   |     |
| 04                             | 51             | 38      | 45                                | -4              | 41             | 44               | 20                | 0       | RA BR                                       |  | 0.0      | 1.47                   | 29.82              | 29.91                   | 0.8               | 07                                     | 5.9             | 20                   | 24                   | 17                             | 25    | 04   |     |
| 05                             | 54             | 41      | 48                                | -1              | 30             | 41               | 17                | 0       |   |  | 0.0      | 0.00                   | 29.71              | 29.80                   | 16.4              | 28                                     | 17.3            | 47*                  | 29                   | 38*                            | 28    | 05   |     |
| 06                             | 60             | 38      | 49                                | 0               | 32             | 42               | 16                | 0       |   |  | 0.0      | 0.00                   | 29.82              | 29.90                   | 10.7              | 22                                     | 11.1            | 31                   | 22                   | 24                             | 21    | 06   |     |
| 07                             | 70*            | 37      | 54                                | 5               | 40             | 47               | 11                | 0       |   |  | 0.0      | 0.00                   | 29.77              | 29.85                   | 5.1               | 22                                     | 6.0             | 22                   | 22                   | 17                             | 20    | 07   |     |
| 08                             | 55             | 37      | 46                                | -2              | 27             | 39               | 19                | 0       |   |  | 0.0      | 0.00                   | 30.07              | 30.16                   | 11.0              | 31                                     | 11.8            | 28                   | 29                   | 23                             | 31    | 08   |     |
| 09                             | 45             | 30      | 38                                | -10             | 21             | 32               | 27                | 0       |   |  | 0.0      | 0.00                   | 30.38              | 30.46                   | 8.0               | 33                                     | 8.6             | 24                   | 33                   | 20                             | 35    | 09   |     |
| 10                             | 47             | 27      | 37*                               | -11             | 25             | 33               | 28                | 0       |   |  | 0.0      | 0.00                   | 30.47              | 30.55                   | 4.1               | 16                                     | 6.3             | 15                   | 12                   | 13                             | 14    | 10   |     |
| 11                             | 58             | 34      | 46                                | -1              | 36             | 42               | 19                | 0       |   |  | 0.0      | 0.00                   | 30.22              | 30.31                   | 4.8               | 20                                     | 6.6             | 21                   | 20                   | 18                             | 20    | 11   |     |
| 12                             | 48             | 39      | 44                                | -3              | 40             | 41               | 21                | 0       | RA BR                                       |  | 0.0      | 1.30                   | 30.16              | 30.24                   | 13.0              | 03                                     | 13.4            | 25                   | 05                   | 22                             | 04    | 12   |     |
| 13                             | 48             | 30      | 39                                | -8              | 27             | 35               | 26                | 0       | RA  |  | 0.0      | 0.14                   | 30.35              | 30.44                   | 13.1              | 35                                     | 13.3            | 30                   | 36                   | 24                             | 36    | 13   |     |
| 14                             | 50             | 27      | 39                                | -7              | 21             | 32               | 26                | 0       |   |  | 0.0      | 0.00                   | 30.60              | 30.69                   | 7.0               | 31                                     | 8.4             | 20                   | 32                   | 16                             | 31    | 14   |     |
| 15                             | 58             | 26*     | 42                                | -4              | 26             | 36               | 23                | 0       |   |  | 0.0      | 0.00                   | 30.45              | 30.54                   | 6.0               | 28                                     | 6.8             | 17                   | 29                   | 15                             | 29    | 15   |     |
| 16                             | 62             | 36      | 49                                | 3               | 27             | 39               | 16                | 0       |   |  | 0.0      | 0.00                   | 30.28              | 30.37                   | 4.8               | 30                                     | 5.2             | 14                   | 32                   | 12                             | 32    | 16   |     |
| 17                             | 58             | 34      | 46                                | 0               | 35             | 42               | 19                | 0       |   |  | 0.0      | 0.00                   | 30.22              | 30.31                   | 4.5               | 31                                     | 5.0             | 13                   | 31                   | 12                             | 32    | 17   |     |
| 18                             | 58             | 44      | 51                                | 6               | 44             | 48               | 14                | 0       |   |  | 0.0      | 0.00                   | 30.11              | 30.19                   | 2.1               | 21                                     | 2.5             | 10                   | 23                   | 9                              | 22    | 18   |     |
| 19                             | 61             | 42      | 52                                | 7               | 47             | 50               | 13                | 0       | BR  |  | 0.0      | 0.00                   | 30.05              | 30.14                   | 1.1               | 30                                     | 2.2             | 10                   | 06                   | 9                              | 05    | 19   |     |
| 20                             | 58             | 50      | 54                                | 9               | 49             | 51               | 11                | 0       | RA BR                                       |  | 0.0      | 0.15                   | 30.05              | 30.14                   | 5.5               | 06                                     | 6.3             | 13                   | 06                   | 12                             | 06    | 20   |     |
| 21                             | 58             | 45      | 52                                | 8               | 49             | 51               | 13                | 0       | FG+ BR                                      |  | 0.0      | 0.00                   | 30.12              | 30.21                   | 2.2               | 33                                     | 3.1             | 13                   | 34                   | 10                             | 33    | 21   |     |
| 22                             | 55             | 41      | 48                                | 4               | 44             | 46               | 17                | 0       | RA FG+ BR                                   |  | 0.0      | 0.03                   | 30.07              | 30.15                   | 0.9               | 16                                     | 1.8             | 8                    | 18                   | 7                              | 18    | 22   |     |
| 23                             | 52             | 47      | 50                                | 6               | 46             | 48               | 15                | 0       | BR  |  | 0.0      | 0.00                   | 30.00              | 30.08                   | 5.7               | 06                                     | 6.0             | 13                   | 06                   | 12                             | 06    | 23   |     |
| 24                             | 59             | 51      | 55                                | 12              | 55             | 55               | 10                | 0       | RA FG+ BR                                   |  | 0.0      | 0.14                   | 29.74              | 29.82                   | 7.6               | 12                                     | 9.5             | 21                   | 15                   | 18                             | 14    | 24   |     |
| 25                             | 66             | 36      | 51                                | 8               | 45             | 50               | 14                | 0       | RA BR                                       |  | 0.0      | 0.07                   | 29.43              | 29.51                   | 11.9              | 25                                     | 17.5            | 45                   | 29                   | 37                             | 29    | 25   |     |
| 26                             | 47             | 31      | 39                                | -4              | 23             | 33               | 26                | 0       |   |  | 0.0      | 0.00                   | 30.07              | 30.15                   | 6.8               | 26                                     | 8.5             | 25                   | 31                   | 21                             | 31    | 26   |     |
| 27                             | 53             | 36      | 45                                | 3               | 36             | 42               | 20                | 0       | RA  |  | 0.0      | 0.06                   | 30.17              | 30.26                   | 8.4               | 14                                     | 9.4             | 18                   | 14                   | 18                             | 14    | 27   |     |
| 28                             | 59             | 40      | 50                                | 8               | 45             | 49               | 15                | 0       | RA BR                                       |  | 0.0      | 1.27                   | 29.82              | 29.90                   | 2.2               | 28                                     | 15.2            | 36                   | 14                   | 28                             | 14    | 28   |     |
| 29                             | 50             | 34      | 42                                | 1               | 29             | 37               | 23                | 0       |   |  | 0.0      | 0.00                   | 30.18              | 30.27                   | 5.8               | 31                                     | 7.4             | 21                   | 01                   | 17                             | 02    | 29   |     |
| 30                             | 48             | 33      | 41                                | 0               | 34             | 39               | 24                | 0       | RA  |  | 0.0      | 0.02                   | 30.15              | 30.23                   | 2.7               | 14                                     | 4.9             | 15                   | 09                   | 13                             | 08    | 30   |     |
| < MONTHLY AVERAGES             |                |         |                                   |                 |                |                  |                   |         |   | TOTALS-->                                      |          | 0.0                    | 4.65               | 30.08                   | 30.16             | 2.4                                    | 30              | 8.2                  | <-- MONTHLY AVERAGES |                                |       |      |     |
| 1.0                            | 1.1            | 1.1     | <-----DEPARTURE FROM NORMAL-----> |                 |                |                  |                   |         | 1.46  | SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3 |          |                        |                    |                         |                   |  |                 |                      |                      |                                |       |      |     |
| DEGREE DAYS                    |                |         |                                   |                 |                |                  |                   |         | GREATEST 24-HR PRECIPITATION: 1.47 DATE :04 |  |          |                        | SEA LEVEL PRESSURE |                         |                   |  | DATE TIME       |                      |                      |                                |       |      |     |
| MONTHLY TOTAL DEPARTURE        |                |         |                                   |                 |                |                  |                   |         | GREATEST 24-HR SNOWFALL: 0.0 DATE :         |  |          |                        | MAXIMUM            |                         |                   |  | : 30.78 14 0951 |                      |                      |                                |       |      |     |
| SEASON TO DATE TOTAL DEPARTURE |                |         |                                   |                 |                |                  |                   |         | GREATEST SNOW DEPTH: 0 DATE :               |  |          |                        | MINIMUM            |                         |                   |  | : 29.32 25 0751 |                      |                      |                                |       |      |     |
| HEATING: 533                   |                |         | -31                               |                 |                | 863              |                   |         | -50   |  |          | NUMBER OF DAYS WITH => |                    |                         |                   | MAXIMUM TEMP ≥ 90: 0                   |                 | MINIMUM TEMP ≤ 32: 6 |                      | PRECIPITATION ≥ 0.01 INCH : 10 |       |      |     |
| COOLING: 0                     |                |         | -1                                |                 |                | 1049             |                   |         | -76   |  |          |                        |                    |                         |                   | MAXIMUM TEMP ≤ 32 : 0                  |                 | MINIMUM TEMP ≤ 0 : 0 |                      | PRECIPITATION ≥ 0.10 INCH : 6  |       |      |     |
|                                |                |         |                                   |                 |                |                  |                   |         |   |  |          |                        |                    |                         |                   | SNOWFALL ≥ 1.0 INCH : 0                |                 |                      |                      |                                |       |      |     |

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

## WILMINGTON, DE

NOVEMBER 2004

ILG

WBAN # 13781

| DATE | FOR HOUR (LST) ENDING AT |      |      |      |      |      |      |      |      |      |      |      | DATE | FOR HOUR (LST) ENDING AT |      |      |      |      |      |      |      |      |      |      |      | DATE | Sum if Different (See Note) | 2400 LST |        |
|------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------------|----------|--------|
|      | 1                        | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   |      | 13                       | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   |      |                             | Water    | Equiv. |
| 01   |                          |      |      |      |      |      |      |      |      |      |      |      | 01   |                          |      |      |      |      |      |      |      |      |      |      | 01   |      | 0.00                        |          |        |
| 02   |                          |      |      |      |      |      |      |      |      |      |      |      | 02   |                          |      |      |      |      |      |      |      |      |      |      | 02   |      | 0.00                        |          |        |
| 03   |                          |      |      |      |      |      |      |      |      |      |      |      | 03   |                          |      |      |      |      |      |      |      |      |      |      | 03   |      | 0.00                        |          |        |
| 04   |                          |      |      |      |      |      |      |      |      | 0.01 | 0.03 | 0.08 | 04   | 0.10                     | 0.22 | 0.08 | 0.07 | 0.17 | 0.25 | 0.42 | 0.04 | T    |      |      | 04   |      | 1.47                        |          |        |
| 05   |                          |      |      |      |      |      |      |      |      |      |      |      | 05   |                          |      |      |      |      |      |      |      |      |      |      | 05   |      | 0.00                        |          |        |
| 06   |                          |      |      |      |      |      |      |      |      |      |      |      | 06   |                          |      |      |      |      |      |      |      |      |      |      | 06   |      | 0.00                        |          |        |
| 07   |                          |      |      |      |      |      |      |      |      |      |      |      | 07   |                          |      |      |      |      |      |      |      |      |      |      | 07   |      | 0.00                        |          |        |
| 08   |                          |      |      |      |      |      |      |      |      |      |      |      | 08   |                          |      |      |      |      |      |      |      |      |      |      | 08   |      | 0.00                        |          |        |
| 09   |                          |      |      |      |      |      |      |      |      |      |      |      | 09   |                          |      |      |      |      |      |      |      |      |      |      | 09   |      | 0.00                        |          |        |
| 10   |                          |      |      |      |      |      |      |      |      |      |      |      | 10   |                          |      |      |      |      |      |      |      |      |      |      | 10   |      | 0.00                        |          |        |
| 11   |                          |      |      |      |      |      |      |      |      |      |      |      | 11   |                          |      |      |      |      |      |      |      |      |      |      | 11   |      | 0.00                        |          |        |
| 12   |                          |      |      |      | T    | T    | 0.01 | 0.05 | 0.10 | 0.08 | 0.07 | 0.08 | 12   | 0.07                     | 0.08 | 0.07 | 0.07 | 0.06 | 0.11 | 0.08 | 0.07 | 0.09 | 0.07 | 0.05 | 0.08 | 12   | 1.29                        | 1.30     |        |
| 13   | 0.05                     | 0.05 | 0.03 | 0.01 | T    |      |      |      |      |      |      |      | 13   |                          |      |      |      |      |      |      |      |      |      |      | 13   |      | 0.14                        |          |        |
| 14   |                          |      |      |      | T    |      |      |      |      |      |      |      | 14   |                          |      |      |      |      |      |      |      |      |      |      | 14   |      | 0.00                        |          |        |
| 15   |                          |      |      |      |      |      |      |      |      |      |      |      | 15   |                          |      |      |      |      |      |      |      |      |      |      | 15   |      | 0.00                        |          |        |
| 16   |                          |      |      |      |      |      |      |      |      |      |      |      | 16   |                          |      |      |      |      |      |      |      |      |      |      | 16   |      | 0.00                        |          |        |
| 17   |                          |      |      |      |      |      |      |      |      |      |      |      | 17   |                          |      |      |      |      |      |      |      |      |      |      | 17   |      | 0.00                        |          |        |
| 18   |                          |      |      |      |      |      |      |      |      |      |      |      | 18   |                          |      |      |      |      |      |      |      |      |      |      | 18   |      | 0.00                        |          |        |
| 19   |                          |      |      |      |      |      |      |      |      |      |      |      | 19   |                          |      |      |      |      |      |      |      |      |      |      | 19   |      | 0.00                        |          |        |
| 20   |                          |      |      |      |      | 0.01 | 0.04 |      | T    |      |      |      | 20   | T                        |      |      |      |      | T    | T    | 0.02 | 0.02 | 0.05 | 0.01 | T    | 20   |                             | 0.15     |        |
| 21   |                          |      |      |      |      |      |      |      |      |      |      |      | 21   |                          |      |      |      |      |      |      |      |      |      |      | 21   |      | 0.00                        |          |        |
| 22   |                          |      |      |      |      |      |      |      |      |      |      |      | 22   |                          |      |      |      |      | T    | 0.01 | 0.02 | T    |      |      | 22   |      | 0.03                        |          |        |
| 23   |                          |      |      |      |      |      |      |      |      |      |      |      | 23   |                          |      |      |      |      |      |      |      |      |      |      | 23   |      | 0.00                        |          |        |
| 24   | T                        |      | T    |      |      |      |      | 0.01 | 0.02 | T    | 0.01 | T    | 24   | 0.02                     | 0.02 | T    | 0.02 | T    |      |      | 0.02 | 0.02 | T    |      | 24   |      | 0.14                        |          |        |
| 25   | T                        | 0.01 |      |      |      |      |      | T    | T    | T    | 0.04 | 0.02 | 25   | T                        | T    | T    | T    |      |      |      |      |      |      |      | 25   |      | 0.07                        |          |        |
| 26   |                          |      |      |      |      |      |      |      |      |      |      |      | 26   |                          |      |      |      |      |      |      |      |      |      |      | 26   |      | 0.00                        |          |        |
| 27   |                          |      |      |      |      |      |      |      |      |      |      |      | 27   |                          |      |      |      |      |      |      |      |      |      |      | 27   |      | 0.06                        |          |        |
| 28   | 0.09                     | 0.05 | 0.17 | 0.11 | 0.30 | 0.25 | 0.09 | 0.12 | 0.04 | T    | 0.07 | T    | 28   |                          |      |      |      |      |      | T    | T    | T    | T    | 0.06 | 28   | 1.29 | 1.27                        |          |        |
| 29   |                          |      |      |      |      |      |      |      |      |      |      |      | 29   |                          |      |      |      |      |      |      |      |      |      |      | 29   |      | 0.00                        |          |        |
| 30   |                          |      |      |      |      |      |      |      |      |      |      |      | 30   |                          |      |      |      |      |      |      | 0.01 | 0.01 | T    |      | 30   |      | 0.02                        |          |        |

### MAXIMUM SHORT DURATION PRECIPITATION (See Note)

| Time Period (Minutes)  | 5    | 10   | 15   | 20   | 30   | 45   | 60   | 80   | 100  | 120  | 150  | 180  |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Precipitation (Inches) | .10  | .15  | .19  | .22  | .28  | .39  | .48  | .57  | .64  | .68  | .80  | .85  |
| Ending Date            | 04   | 04   | 04   | 04   | 04   | 04   | 04   | 04   | 04   | 04   | 04   | 04   |
| Ending Time (Hour/Min) | 1803 | 1805 | 1810 | 1810 | 1828 | 1836 | 1836 | 1841 | 1846 | 1852 | 1841 | 1852 |

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

# REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

\* = Extreme for the month (last occurrence if more than one)

T = Trace precipitation amount

+ = also occurs on earlier date

FG+ = Heavy fog, visibility .25 miles or less

BLANK entries denote missing or unreported data

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1971–2000

## WEATHER NOTATIONS

| QUALIFIER          | WEATHER PHENOMENA                 |                    |                                    |
|--------------------|-----------------------------------|--------------------|------------------------------------|
|                    | PRECIPITATION                     | OBSCURATION        | OTHER                              |
| BC Patches         | DZ Drizzle                        | BR Mist            | DS Duststorm                       |
| BL Blowing         | GR Hail                           | DU Widespread Dust | FC Funnel Cloud                    |
| DR Low Drifting    | GS Small Hail and/or Snow Pellets | FG Fog             | +FC Tornado Waterspout             |
| FZ Freezing        | IC Ice Crystals                   | FU Smoke           | PO Well-Developed Dust/Sand Whirls |
| MI Shallow         | PL Ice Pellets                    | HZ Haze            | SQ Squalls                         |
| PR Partial         | RA Rain                           | PY Spray           | SS Sandstorm                       |
| SH Shower(s)       | SG Snow Grains                    | SA Sand            | GL Glaze                           |
| TS Thunderstorm    | SN Snow                           | VA Volcanic Ash    |                                    |
| VC In the Vicinity | UP Unknown Precipitation          |                    |                                    |

Intensity (as indicated on pages 4 to 6):  
'+' = Heavy    ' ' = Moderate    '-' = Light

# WILMINGTON, DE NOVEMBER 2004

Ceilorometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR–SS), or midnight to midnight (MN–MN).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. Clear = 0–2 oktas, Partly Cloudy = 3–6 oktas, Cloudy = 7–8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

## ADDITIONAL NOTES:

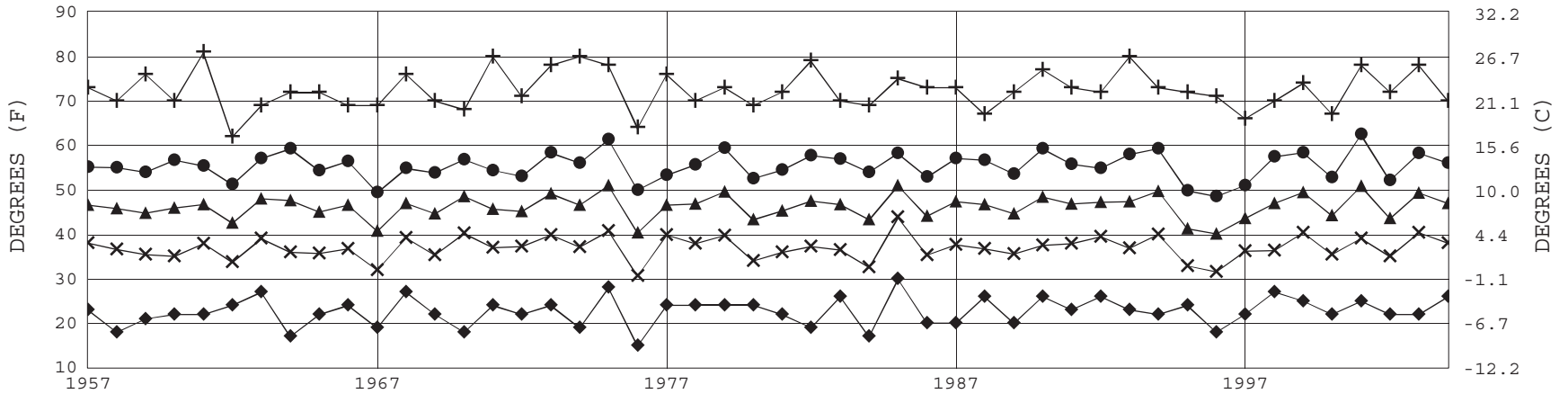
| DATE   | SUNSHINE      |                  | CLOUDINESS (OKTAS) |           |            |           | VISIBILITY (MILES) |         | RESERVED |
|--|---------------|------------------|--------------------|-----------|------------|-----------|--------------------|---------|----------|
|  | TOTAL MINUTES | PERCENT POSSIBLE | SR–SS              |           | MN–MN      |           | MINIMUM            | MAXIMUM |          |
|  |               |                  | CEILOMETER         | SATELLITE | CEILOMETER | SATELLITE |                    |         |          |
| 01   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 02   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 03   |               |                  |                    |           |            |           | 9.00               | 10.00   |          |
| 04   |               |                  |                    |           |            |           | 2.00               | 10.00   |          |
| 05   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 06   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 07   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 08   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 09   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 10   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 11   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 12   |               |                  |                    |           |            |           | 2.00               | 10.00   |          |
| 13   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 14   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 15   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 16   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 17   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 18   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 19   |               |                  |                    |           |            |           | 6.00               | 10.00   |          |
| 20   |               |                  |                    |           |            |           | 5.00               | 10.00   |          |
| 21   |               |                  |                    |           |            |           | .25                | 10.00   |          |
| 22   |               |                  |                    |           |            |           | .25                | 10.00   |          |
| 23   |               |                  |                    |           |            |           | 5.00               | 10.00   |          |
| 24   |               |                  |                    |           |            |           | .25                | 10.00   |          |
| 25   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 26   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 27   |               |                  |                    |           |            |           | 7.00               | 10.00   |          |
| 28   |               |                  |                    |           |            |           | 4.00               | 10.00   |          |
| 29   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| 30   |               |                  |                    |           |            |           | 10.00              | 10.00   |          |
| <b>MONTHLY AVGS</b>  |               |                  |                    |           |            |           | 7.76               | 10.00   |          |
| <b>SUNSHINE (MINUTES)</b>  |               |                  |                    |           |            |           |                    |         |          |
| Total:                      Possible:                      Percent Possible: |               |                  |                    |           |            |           |                    |         |          |
| <b>NUMBER OF DAYS WITH:</b>  |               |                  |                    |           |            |           |                    |         |          |
| <b>SKY CONDITION</b>   |               |                  |                    |           |            |           |                    |         |          |
| CLR   PTLY CLDY   CLOUDY   MISSING   |               |                  |                    |           |            |           |                    |         |          |
| 30   |               |                  |                    |           |            |           |                    |         |          |
| <b>MINIMUM VISIBILITY (MILES)</b>  |               |                  |                    |           |            |           |                    |         |          |
| <=0.25    <=3.0    >=7.0   |               |                  |                    |           |            |           |                    |         |          |
| 3            5            21   |               |                  |                    |           |            |           |                    |         |          |







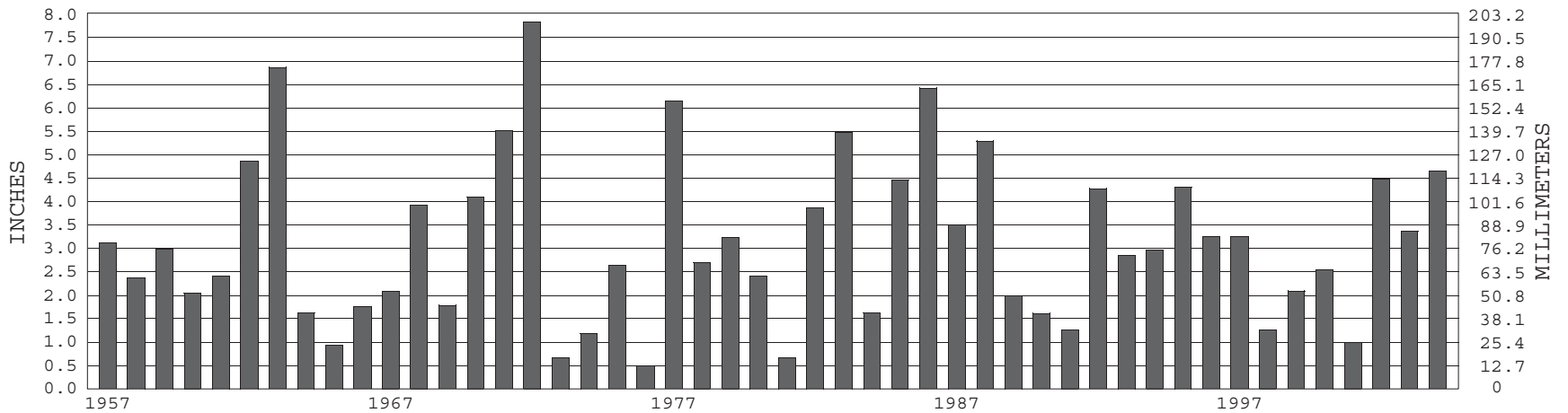
### WILMINGTON, DE NOVEMBER TEMPERATURES



+ Extreme Max.      ● Mean Max.      ▲ Mean      × Mean Min.      ◆ Extreme Min.

Long-Term (1957-2004) Mean: 46.2      1971-2000 Normal: 45.9

### WILMINGTON, DE NOVEMBER PRECIPITATION



Long-Term (1957-2004) Mean Monthly Total: 3.13

1971-2000 Normal: 3.19



NOVEMBER 2004

WILMINGTON, DE

# LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

*I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA – National Weather Service / Department Of Transportation – Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.*

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