

JAN 1988  
WILMINGTON, DE  
NAT'L WEA SER OFC  
AIRPORT TERMINAL BLDG

ISSN 0198-117X

# LOCAL CLIMATOLOGICAL DATA Monthly Summary

GREATER WILMINGTON AIRPORT



LATITUDE 39° 40' N LONGITUDE 75° 36' W ELEVATION (GROUND) 74 FEET TIME ZONE EASTERN 13781

JAN 1988  
WILMINGTON, DE

| DATE           | TEMPERATURE °F |         |         |                          |                      | DEGREE DAYS<br>BASE 65°F            |                                     | WEATHER TYPES<br>1 FOG<br>2 HEAVY FOG<br>3 THUNDERSTORM<br>4 ICE PELLETS<br>5 HAIL<br>6 GLAZE<br>7 DUSTSTORM<br>8 SMOKE, HAZE<br>9 BLOWING SNOW | SNOW<br>ICE PELLETS<br>OR<br>ICE ON GROUND<br>AT<br>0700<br>INCHES | PRECIPITATION                   |                               | AVERAGE<br>STATION<br>PRESSURE<br>IN<br>INCHES<br>ELEV.<br>80<br>FEET<br>ABOVE<br>M.S.L. | WIND<br>(M.P.H.) |                 |               |                                                                  | SUNSHINE  |                  | SKY COVER<br>(TENTHS) |                              |                      |                         |       |           |      |
|----------------|----------------|---------|---------|--------------------------|----------------------|-------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------|-------------------------------|------------------------------------------------------------------------------------------|------------------|-----------------|---------------|------------------------------------------------------------------|-----------|------------------|-----------------------|------------------------------|----------------------|-------------------------|-------|-----------|------|
|                | MAXIMUM        | MINIMUM | AVERAGE | DEPARTURE<br>FROM NORMAL | AVERAGE<br>DEW POINT | HEATING (SEASON<br>BEGINS WITH JUL) | COOLING (SEASON<br>BEGINS WITH JAN) |                                                                                                                                                 |                                                                    | WATER EQUIVALENT<br>(INCHES)    | SNOW, ICE PELLETS<br>(INCHES) |                                                                                          | RESULTANT DIR.   | RESULTANT SPEED | AVERAGE SPEED | PEAK GUST                                                        |           | FASTEST<br>1-MIN | MINUTES               | PERCENT OF<br>TOTAL POSSIBLE | SUNRISE<br>TO SUNSET | MIDNIGHT<br>TO MIDNIGHT |       |           |      |
|                |                |         |         |                          |                      |                                     |                                     |                                                                                                                                                 |                                                                    |                                 |                               |                                                                                          |                  |                 |               | SPEED                                                            | DIRECTION |                  |                       |                              |                      |                         | SPEED | DIRECTION |      |
| 1              | 2              | 3       | 4       | 5                        | 6                    | 7A                                  | 7B                                  | 8                                                                                                                                               | 9                                                                  | 10                              | 11                            | 12                                                                                       | 13               | 14              | 15            | 16                                                               | 17        | 18               | 19                    | 20                           | 21                   | 22                      | 23    |           |      |
| 01             | 48             | 35      | 42      | 10                       | 31                   | 23                                  | 0                                   |                                                                                                                                                 | 0                                                                  | 1                               | 0.0                           | 30.140                                                                                   | 28               | 5.0             | 6.7           | 21                                                               | NW        | 13               | 32                    |                              | 10                   | 10                      |       |           |      |
| 02             | 35             | 18      | 27      | -5                       | 8                    | 38                                  | 0                                   |                                                                                                                                                 | 0                                                                  | 0.00                            | 0.0                           | 30.450                                                                                   | 32               | 6.8             | 7.2           | 23                                                               | NW        | 13               | 34                    |                              | 7                    | 6                       |       |           |      |
| 03             | 31             | 15      | 23      | -9                       | 16                   | 42                                  | 0                                   | 1 4 6                                                                                                                                           | 0                                                                  | 0.13                            | 0.8                           | 30.370                                                                                   | 07               | 1.7             | 1.9           | 7                                                                | E         | 5                | 04                    |                              | 10                   | 9                       |       |           |      |
| 04             | 40             | 24      | 32      | 0                        | 22                   | 33                                  | 0                                   | 1 4 6                                                                                                                                           | 2                                                                  | 0.07                            | 0.9                           | 29.945                                                                                   | 29               | 7.9             | 9.6           | 48                                                               | NW        | 32               | 30                    |                              | 7                    | 6                       |       |           |      |
| 05             | 24             | 11      | 18      | -14                      | -3                   | 47                                  | 0                                   |                                                                                                                                                 | 1                                                                  | 0.00                            | 0.0                           | 30.240                                                                                   | 30               | 14.5            | 14.8          | 43                                                               | NW        | 21               | 30                    |                              | 2                    | 1                       |       |           |      |
| 06             | 20             | 10      | 15      | -17                      | -1                   | 50                                  | 0                                   |                                                                                                                                                 | 1                                                                  | 0.00                            | 0.0                           | 30.400                                                                                   | 30               | 12.7            | 12.9          | 28                                                               | NW        | 18               | 30                    |                              | 0                    | 0                       |       |           |      |
| 07             | 22             | 10      | 16      | -15                      | 3                    | 49                                  | 0                                   |                                                                                                                                                 | 1                                                                  | 0.02                            | 0.3                           | 30.550                                                                                   | 34               | 4.4             | 7.2           | 18                                                               | NW        | 13               | 31                    |                              | 10                   | 7                       |       |           |      |
| 08             | 27             | 18      | 23      | -8                       | 19                   | 42                                  | 0                                   | 1 6                                                                                                                                             | 3                                                                  | 0.31                            | 6.1                           | 30.060                                                                                   | 02               | 8.9             | 10.2          | 26                                                               | NE        | 17               | 03                    |                              | 10                   | 10                      |       |           |      |
| 09             | 28             | 16      | 22      | -9                       | 12                   | 43                                  | 0                                   |                                                                                                                                                 | 6                                                                  | 0.00                            | 0.0                           | 30.140                                                                                   | 30               | 7.3             | 7.9           | 18                                                               | NW        | 13               | 30                    |                              | 10                   | 8                       |       |           |      |
| 10             | 30             | 10      | 20      | -11                      | 8                    | 45                                  | 0                                   |                                                                                                                                                 | 5                                                                  | 0.00                            | 0.0                           | 30.350                                                                                   | 32               | 5.5             | 5.8           | 15                                                               | NW        | 12               | 34                    |                              | 0                    | 2                       |       |           |      |
| 11             | 33             | 3*      | 18      | -13                      | 7                    | 47                                  | 0                                   | 1 8                                                                                                                                             | 4                                                                  | 0.00                            | 0.0                           | 30.360                                                                                   | 31               | 2.1             | 2.7           | 8                                                                | W         | 6                | 22                    |                              | 0                    | 0                       |       |           |      |
| 12             | 35             | 8       | 22      | -9                       | 15                   | 43                                  | 0                                   | 1 8                                                                                                                                             | 3                                                                  | 0.00                            | 0.0                           | 30.210                                                                                   | 22               | 1.7             | 3.4           | 13                                                               | SW        | 8                | 23                    |                              | 8                    | 5                       |       |           |      |
| 13             | 44             | 22      | 33      | -2                       | 20                   | 32                                  | 0                                   | 1 6 8                                                                                                                                           | 2                                                                  | 0.01                            | 0.0                           | 29.950                                                                                   | 30               | 8.8             | 10.9          | 41                                                               | NW        | 28               | 32                    |                              | 6                    | 5                       |       |           |      |
| 14             | 23             | 6       | 15*     | -16                      | -5                   | 50                                  | 0                                   |                                                                                                                                                 | 1                                                                  | 0.00                            | 0.0                           | 30.480                                                                                   | 33               | 10.7            | 11.1          | 30                                                               | NW        | 18               | 32                    |                              | 2                    | 3                       |       |           |      |
| 15             | 26             | 7       | 17      | -14                      | -1                   | 48                                  | 0                                   |                                                                                                                                                 | 1                                                                  | 0.00                            | 0.0                           | 30.430                                                                                   | 19               | 1.1             | 4.5           | 13                                                               | SW        | 10               | 17                    |                              | 7                    | 6                       |       |           |      |
| 16             | 35             | 8       | 22      | -9                       | 12                   | 43                                  | 0                                   |                                                                                                                                                 | 1                                                                  | 0.00                            | 0.0                           | 30.350                                                                                   | 20               | 3.7             | 5.1           | 13                                                               | S         | 9                | 17                    |                              | 4                    | 2                       |       |           |      |
| 17             | 39             | 19      | 29      | -2                       | 22                   | 36                                  | 0                                   |                                                                                                                                                 | 1                                                                  | 0.0                             | 0.0                           | 30.220                                                                                   | 16               | 4.8             | 5.2           | 16                                                               | SE        | 12               | 16                    |                              | 10                   | 8                       |       |           |      |
| 18             | 40             | 32      | 36      | 5                        | 35                   | 29                                  | 0                                   | 2                                                                                                                                               |                                                                    | 0.31                            | 0.0                           | 29.950                                                                                   | 25               | 3.8             | 5.5           | 12                                                               | SW        | 10               | 23                    |                              | 10                   | 9                       |       |           |      |
| 19             | 46             | 28      | 37      | 6                        | 31                   | 28                                  | 0                                   | 1                                                                                                                                               | 1                                                                  | 0.0*                            | 0.0                           | 30.140                                                                                   | 28               | 1.7             | 5.1           | 13                                                               | NW        | 9                | 36                    |                              | 10                   | 8                       |       |           |      |
| 20             | 45             | 37      | 41      | 10                       | 39                   | 24                                  | 0                                   | 2                                                                                                                                               | 1                                                                  | 0.71                            | 0.0                           | 29.790                                                                                   | 13               | 1.9             | 6.5           | 18                                                               | E         | 13               | 10                    |                              | 10                   | 10                      |       |           |      |
| 21             | 51             | 34      | 43      | 12                       | 34                   | 22                                  | 0                                   | 2                                                                                                                                               | 0                                                                  | 1                               | 0.0                           | 29.745                                                                                   | 29               | 6.5             | 7.8           | 22                                                               | NW        | 16               | 32                    |                              | 9                    | 9                       |       |           |      |
| 22             | 37             | 26      | 32      | 1                        | 21                   | 33                                  | 0                                   |                                                                                                                                                 | 0                                                                  | 0.00                            | 0.0                           | 29.900                                                                                   | 31               | 6.1             | 6.8           | 17                                                               | NW        | 14               | 33                    |                              | 8                    | 6                       |       |           |      |
| 23             | 39             | 23      | 31      | 0                        | 23                   | 34                                  | 0                                   | 1 8                                                                                                                                             | 0                                                                  | 1                               | 0.0                           | 29.910                                                                                   | 17               | 3.1             | 4.0           | 16                                                               | S         | 9                | 16                    |                              | 8                    | 6                       |       |           |      |
| 24             | 51             | 22      | 37      | 6                        | 27                   | 28                                  | 0                                   | 1                                                                                                                                               | 0                                                                  | 0.00                            | 0.0                           | 29.970                                                                                   | 16               | 5.9             | 7.1           | 26                                                               | S         | 16               | 21                    |                              | 2                    | 3                       |       |           |      |
| 25             | 39             | 31      | 35      | 4                        | 32                   | 30                                  | 0                                   | 1 4                                                                                                                                             | 0                                                                  | 0.82                            | 2.3                           | 29.740                                                                                   | 02               | 4.7             | 6.2           | 18                                                               | NE        | 13               | 07                    |                              | 10                   | 10                      |       |           |      |
| 26             | 34             | 16      | 25      | -6                       | 18                   | 40                                  | 0                                   | 1                                                                                                                                               | 1                                                                  | 0.04                            | 0.4                           | 29.760                                                                                   | 29               | 15.5            | 15.8          | 39                                                               | W         | 25               | 28                    |                              | 9                    | 8                       |       |           |      |
| 27             | 27             | 14      | 21      | -10                      | 10                   | 44                                  | 0                                   |                                                                                                                                                 | 1                                                                  | 0.00                            | 0.0                           | 30.310                                                                                   | 28               | 7.7             | 8.4           | 21                                                               | NW        | 14               | 31                    |                              | 4                    | 3                       |       |           |      |
| 28             | 27             | 14      | 21      | -10                      | 10                   | 44                                  | 0                                   | 8                                                                                                                                               | 1                                                                  | 0.00                            | 0.0                           | 30.470                                                                                   | 29               | 7.1             | 7.8           | 23                                                               | NW        | 15               | 30                    |                              | 1                    | 2                       |       |           |      |
| 29             | 32             | 14      | 23      | -8                       | 13                   | 42                                  | 0                                   |                                                                                                                                                 | 1                                                                  | 0.00                            | 0.0                           | 30.560                                                                                   | 17               | 3.0             | 6.6           | 18                                                               | S         | 13               | 16                    |                              | 3                    | 3                       |       |           |      |
| 30             | 45             | 26      | 36      | 5                        | 29                   | 29                                  | 0                                   | 8                                                                                                                                               | 1                                                                  | 0.00                            | 0.0                           | 30.320                                                                                   | 20               | 4.1             | 5.0           | 14                                                               | S         | 10               | 23                    |                              | 10                   | 8                       |       |           |      |
| 31             | 60*            | 27      | 44*     | 13                       | 38                   | 21                                  | 0                                   | 1 8                                                                                                                                             | 1                                                                  | 0.00                            | 0.0                           | 30.270                                                                                   | 19               | 3.4             | 5.7           | 17                                                               | SW        | 15               | 22                    |                              | 8                    | 7                       |       |           |      |
| SUM            | SUM            |         |         |                          |                      | TOTAL                               | TOTAL                               |                                                                                                                                                 |                                                                    | TOTAL                           | TOTAL                         |                                                                                          |                  |                 |               |                                                                  |           |                  |                       | TOTAL                        | %                    | SUM                     | SUM   |           |      |
| 1113           | 584            |         |         |                          |                      | 1159                                | 0                                   |                                                                                                                                                 |                                                                    | 2.46                            | 10.8                          | 30.180                                                                                   | 30               | 3.7             | 7.3           | 48                                                               | NW        | 32               | 30                    |                              | for                  | 205                     | 180   |           |      |
| AVG.           | AVG.           |         |         |                          |                      | AVG.                                | DEP.                                | DEP.                                                                                                                                            |                                                                    | PRECIPITATION                   | DEP.                          |                                                                                          |                  |                 |               |                                                                  |           |                  |                       | DATE: 4                      | DATE: 4              | POSSIBLE                | MONTH | AVG.      | AVG. |
| 35.9           | 18.8           |         |         |                          |                      | 27.4                                | -3.8                                | 17.5                                                                                                                                            | 111                                                                | 0                               | -0.65                         |                                                                                          |                  |                 |               |                                                                  |           |                  |                       |                              |                      |                         | 6.6   | 5.8       |      |
| NUMBER OF DAYS |                |         |         |                          |                      |                                     |                                     | SEASON TO DATE                                                                                                                                  |                                                                    | SNOW, ICE PELLETS<br>≥ 1.0 INCH |                               | GREATEST IN 24 HOURS AND DATES                                                           |                  |                 |               | GREATEST DEPTH ON GROUND OF<br>SNOW, ICE PELLETS OR ICE AND DATE |           |                  |                       |                              |                      |                         |       |           |      |
| MAXIMUM TEMP.  |                |         |         |                          |                      |                                     |                                     | 2921                                                                                                                                            |                                                                    | 0                               |                               | PRECIPITATION                                                                            |                  |                 |               | SNOW, ICE PELLETS                                                |           |                  |                       |                              |                      |                         |       |           |      |
| ≥ 90°          |                |         |         |                          |                      |                                     |                                     | ≤ 32°                                                                                                                                           |                                                                    | ≤ 0°                            |                               | THUNDERSTORMS                                                                            |                  |                 |               | 0                                                                |           |                  |                       |                              |                      |                         |       |           |      |
| 0              |                |         |         |                          |                      |                                     |                                     | 12                                                                                                                                              |                                                                    | 28                              |                               | DEP.                                                                                     |                  |                 |               | 3                                                                |           |                  |                       |                              |                      |                         |       |           |      |
|                |                |         |         |                          |                      |                                     |                                     | 0                                                                                                                                               |                                                                    | 0                               |                               | 58                                                                                       |                  |                 |               | 0                                                                |           |                  |                       |                              |                      |                         |       |           |      |
|                |                |         |         |                          |                      |                                     |                                     |                                                                                                                                                 |                                                                    |                                 |                               | CLEAR                                                                                    |                  |                 |               | 8                                                                |           |                  |                       |                              |                      |                         |       |           |      |
|                |                |         |         |                          |                      |                                     |                                     |                                                                                                                                                 |                                                                    |                                 |                               | PARTLY CLOUDY                                                                            |                  |                 |               | 6                                                                |           |                  |                       |                              |                      |                         |       |           |      |
|                |                |         |         |                          |                      |                                     |                                     |                                                                                                                                                 |                                                                    |                                 |                               | CLOUDY                                                                                   |                  |                 |               | 17                                                               |           |                  |                       |                              |                      |                         |       |           |      |

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
T TRACE AMOUNT.  
+ ALSO ON EARLIER DATE(S).  
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.  
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

DATA IN COLS 6 AND 12-15 ARE BASED ON 21 OR MORE OBSERVATIONS AT HOURLY INTERVALS. RESULTANT WIND IS THE VECTOR SUM OF WIND SPEEDS AND DIRECTIONS DIVIDED BY THE NUMBER OF OBSERVATIONS. COLS 16 & 17: PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED. ONE OF TWO WIND SPEEDS IS GIVEN UNDER COLS 18 & 19: FASTEST MILE - HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES STATION (DIRECTION IN COMPASS POINTS). FASTEST OBSERVED ONE MINUTE WIND - HIGHEST ONE MINUTE SPEED (DIRECTION IN TENS OF DEGREES). ERRORS WILL BE CORRECTED IN SUBSEQUENT PUBLICATIONS.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER

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CLIMATIC DATA CENTER  
ASHEVILLE NORTH CAROLINA

*Kenneth D. Naeve*  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

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### SUMMARY BY HOURS

| HOUR L. S. T | AVERAGES           |                           |             |             |              |                |                  | RESULTANT WIND |             |
|--------------|--------------------|---------------------------|-------------|-------------|--------------|----------------|------------------|----------------|-------------|
|              | SKY COVER (TENTHS) | STATION PRESSURE (INCHES) | TEMPERATURE |             |              | REL HUMIDITY % | WIND SPEED (MPH) | DIRECTION      | SPEED (MPH) |
|              |                    |                           | AIR TEMP OF | WET BULB OF | DEW POINT OF |                |                  |                |             |
| 01           | 5                  | 30.170                    | 24          | 22          | 17           | 75             | 6.2              | 31             | 3.8         |
| 04           | 5                  | 30.170                    | 24          | 21          | 15           | 72             | 6.6              | 31             | 4.5         |
| 07           | 6                  | 30.180                    | 23          | 21          | 15           | 75             | 5.6              | 31             | 3.3         |
| 10           | 7                  | 30.225                    | 28          | 25          | 18           | 67             | 8.2              | 29             | 4.2         |
| 13           | 7                  | 30.170                    | 33          | 29          | 19           | 58             | 9.8              | 28             | 4.5         |
| 16           | 7                  | 30.160                    | 32          | 28          | 19           | 59             | 9.4              | 29             | 4.3         |
| 19           | 6                  | 30.170                    | 29          | 26          | 18           | 65             | 6.8              | 28             | 2.6         |
| 22           | 5                  | 30.180                    | 27          | 24          | 18           | 71             | 6.6              | 29             | 4.3         |

# HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

JAN 1988  
WILMINGTON, DE

13781

| DATE | A.M. HOUR ENDING AT |      |      |      |      |      |      |      |      |      |      |      | P.M. HOUR ENDING AT |      |      |      |      |      |      |      |      |      |      |      | DATE |
|------|---------------------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 1                   | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 1                   | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   |      |
| 01   |                     |      |      | T    |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 01   |
| 02   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 02   |
| 03   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 03   |
| 04   | T                   | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | T    |      |      |      |      |      |                     |      |      |      |      |      | T    | 0.02 | 0.02 | 0.04 | 0.02 | 0.03 | 04   |
| 05   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 05   |
| 06   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 06   |
| 07   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 07   |
| 08   | 0.01                | 0.01 | 0.04 | 0.02 | 0.04 | 0.04 | 0.04 | 0.02 | 0.03 | 0.03 | T    | 0.02 | T                   |      |      | T    | T    | T    | T    | T    | 0.01 | T    | T    | 0.02 | 08   |
| 09   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 09   |
| 10   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 10   |
| 11   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 11   |
| 12   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 12   |
| 13   |                     |      |      |      |      |      | T    | T    | T    | 0.01 | T    |      |                     |      |      |      |      |      |      |      |      |      |      |      | 13   |
| 14   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 14   |
| 15   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 15   |
| 16   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 16   |
| 17   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      | T    | T    | 17   |
| 18   | 0.02                | 0.03 | 0.05 | 0.09 | 0.02 | 0.04 | 0.06 |      | T    |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 18   |
| 19   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 19   |
| 20   | 0.03                | 0.09 | 0.11 | 0.19 | 0.15 | 0.05 | 0.05 | 0.02 | T    |      | T    | 0.01 | 0.01                |      |      |      |      |      |      |      |      | 0.01 | 0.02 | 0.01 | 20   |
| 21   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 21   |
| 22   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 22   |
| 23   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 23   |
| 24   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 24   |
| 25   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 25   |
| 26   | 0.01                | 0.01 | T    | T    |      | T    | T    | T    |      | 0.01 | 0.02 | 0.02 | 0.02                | 0.07 | 0.14 | 0.12 | 0.14 | 0.06 | 0.08 | 0.04 | 0.03 | 0.05 | 0.01 | 0.01 | 26   |
| 27   |                     |      |      |      |      |      |      |      |      |      |      |      | 0.01                | T    | T    | T    | 0.01 | T    | T    |      |      |      |      |      | 27   |
| 28   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 28   |
| 29   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 29   |
| 30   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 30   |
| 31   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 31   |

## MAXIMUM SHORT DURATION PRECIPITATION

| TIME PERIOD (MINUTES)  | 5    | 10   | 15   | 20   | 30   | 45   | 60   | 80   | 100  | 120  | 150  | 180  |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PRECIPITATION (INCHES) | 0.03 | 0.06 | 0.07 | 0.09 | 0.13 | 0.18 | 0.23 | 0.29 | 0.32 | 0.35 | 0.40 | 0.47 |
| ENDED: DATE            | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   |
| ENDED: TIME            | 0436 | 0339 | 0351 | 0357 | 0357 | 0420 | 0432 | 0440 | 0448 | 0448 | 0440 | 0448 |

THE PRECIPITATION AMOUNTS FOR THE INDICATED TIME INTERVALS MAY OCCUR AT ANY TIME DURING THE MONTH. THE TIME INDICATED IS THE ENDING TIME OF THE INTERVAL. DATE AND TIME ARE NOT ENTERED FOR TRACE AMOUNTS.

VALIDATED BY:  
DICK WOLF

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