



# LOCAL CLIMATOLOGICAL DATA Monthly Summary

R.E.BYRD INTERNATIONAL AP.

LATITUDE 37° 30' N LONGITUDE 77° 20' W ELEVATION (GROUND) 164 FEET TIME ZONE EASTERN 13740

APR 1992  
 RICHMOND, VA

| DATE           | TEMPERATURE °F |                   |         |                             |                   |                                     | DEGREE DAYS 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 ICE PELLETS OR ICE ON GROUND AT 0700 INCHES | PRECIPITATION WATER EQUIVALENT (INCHES) | SNOW, ICE PELLETS (INCHES) | AVERAGE STATION PRESSURE IN INCHES<br>ELEV. 177 FEET ABOVE M.S.L. | WIND (M.P.H.)   |               |           |           |               | SUNSHINE MINUTES | SKY COVER (TENTHS)        |                   |                      |           |      |     |
|----------------|----------------|-------------------|---------|-----------------------------|-------------------|-------------------------------------|-------------------------------------|-----------------------------------|---|--|---|----------------------------|---|-----------------|---------------|-----------|-----------|---------------|------------------|---------------------------|-------------------|----------------------|-----------|------|-----|
|                | MAXIMUM        | MINIMUM           | AVERAGE | DEPARTURE FROM NORMAL       | AVERAGE DEW POINT | HEATING (SEASON BEGINS WITH JUL 7A) | COOLING (SEASON BEGINS WITH JAN 7B) | RESULTANT DIR.                    |   |  |   |                            |   | RESULTANT SPEED | AVERAGE SPEED | PEAK GUST |           | FASTEST 1-MIN |                  | PERCENT OF TOTAL POSSIBLE | SUNRISE TO SUNSET | MIDNIGHT TO MIDNIGHT |           |      |     |
|                |                |                   |         |                             |                   |                                     |                                     |                                   |   |  |   |                            |   |                 |               | SPEED     | DIRECTION | SPEED         |                  |                           |                   |                      | DIRECTION |      |     |
| 01             | 66             | 34                | 50      | -3                          | 37                | 15                                  | 0                                   | 1                                 | 8   | 0  | 0.05                                    | 0.0                        | 29.585  | 24              | 3.0           | 10.4      | 32        | N             | 20               | 35                        | 584               | 77                   | 10        | 7    |     |
| 02             | 50             | 32                | 41      | -12                         | 20                | 24                                  | 0                                   | 0                                 |   | 0  | T                                       | 0.0                        | 29.605  | 30              | 12.6          | 13.2      | 38        | W             | 21               | 30                        | 575               | 76                   | 5         | 4    |     |
| 03             | 52             | 28                | 40      | -14                         | 16                | 25                                  | 0                                   | 0                                 |   | 0  | 0.00                                    | 0.0                        | 29.640  | 27              | 9.4           | 12.0      | 22        | SW            | 17               | 27                        | 665               | 87                   | 3         | 3    |     |
| 04             | 49             | 26*               | 38*     | -16                         | 26                | 27                                  | 0                                   | 1                                 |   | 0  | 0.04                                    | 0.0                        | 29.580  | 19              | 1.3           | 6.4       | 20        | S             | 15               | 19                        | 506               | 66                   | 7         | 7    |     |
| 05             | 58             | 35                | 47      | -7                          | 25                | 18                                  | 0                                   | 1                                 |   | 0  | 0.00                                    | 0.0                        | 29.830  | 31              | 11.2          | 11.6      | 35        | W             | 23               | 29                        | 703               | 92                   | 2         | 1    |     |
| 06             | 64             | 28                | 46      | -9                          | 21                | 19                                  | 0                                   | 0                                 |   | 0  | 0.00                                    | 0.0                        | 30.010  | 31              | 3.8           | 6.8       | 23        | NW            | 14               | 35                        | 690               | 90                   | 5         | 5    |     |
| 07             | 75             | 44                | 60      | 5                           | 39                | 5                                   | 0                                   | 0                                 |   | 0  | 0.00                                    | 0.0                        | 29.820  | 20              | 9.7           | 10.7      | 26        | SW            | 21               | 22                        | 555               | 72                   | 9         | 8    |     |
| 08             | 74             | 45                | 60      | 4                           | 42                | 5                                   | 0                                   | 1                                 | 8   | 0  | 0.00                                    | 0.0                        | 29.810  | 33              | 3.1           | 8.3       | 20        | NW            | 14               | 34                        | 707               | 91                   | 6         | 5    |     |
| 09             | 77             | 46                | 62      | 6                           | 45                | 3                                   | 0                                   | 0                                 | 8   | 0  | T                                       | 0.0                        | 29.900  | 17              | 5.9           | 7.8       | 24        | SW            | 18               | 17                        | 556               | 72                   | 6         | 6    |     |
| 10             | 86             | 55                | 71      | 15                          | 50                | 0                                   | 6                                   | 6                                 | 8   | 0  | 0.00                                    | 0.0                        | 29.870  | 19              | 8.7           | 9.9       | 22        | S             | 17               | 18                        | 661               | 85                   | 6         | 6    |     |
| 11             | 86             | 58                | 72      | 15                          | 54                | 0                                   | 7                                   | 7                                 | 8   | 0  | 0.00                                    | 0.0                        | 29.840  | 20              | 12.8          | 13.2      | 28        | S             | 18               | 22                        | 690               | 88                   | 4         | 5    |     |
| 12             | 85             | 53                | 69      | 12                          | 55                | 0                                   | 4                                   | 1                                 | 3   | 8  | 0                                       | 0.60                       | 0.0   | 29.930          | 24            | 1.1       | 10.3      | 30            | NW               | 17                        | 02                | 462                  | 59        | 7    | 6   |
| 13             | 54             | 38                | 46      | -11                         | 26                | 19                                  | 0                                   | 0                                 |   | 0  | 0.00                                    | 0.0                        | 30.280  | 03              | 9.4           | 12.5      | 29        | N             | 21               | 35                        | 785               | 100                  | 0         | 1    |     |
| 14             | 62             | 38                | 50      | -8                          | 33                | 15                                  | 0                                   | 0                                 |   | 0  | T                                       | 0.0                        | 30.115  | 12              | 2.2           | 5.2       | 16        | SE            | 10               | 13                        | 575               | 73                   | 7         | 8    |     |
| 15             | 63             | 47                | 55      | -3                          | 39                | 10                                  | 0                                   | 0                                 |   | 0  | T                                       | 0.0                        | 30.070  | 09              | 6.0           | 7.4       | 15        | E             | 12               | 06                        | 383               | 48                   | 9         | 9    |     |
| 16             | 73             | 49                | 61      | 3                           | 53                | 4                                   | 0                                   | 1                                 |   | 0  | T                                       | 0.0                        | 29.980  | 16              | 7.9           | 9.6       | 22        | S             | 16               | 18                        | 602               | 76                   | 9         | 9    |     |
| 17             | 88*            | 63                | 76*     | 17                          | 57                | 0                                   | 11                                  | 1                                 |   | 0  | 0.01                                    | 0.0                        | 29.825  | 22              | 12.1          | 13.8      | 36        | W             | 20               | 27                        | 659               | 83                   | 6         | 6    |     |
| 18             | 87             | 54                | 71      | 12                          | 58                | 0                                   | 6                                   | 1                                 |   | 0  | 0.01                                    | 0.0                        | 29.890  | 17              | 4.1           | 10.4      | 23        | S             | 17               | 18                        | 619               | 78                   | 9         | 8    |     |
| 19             | 68             | 50                | 59      | 0                           | 53                | 6                                   | 0                                   | 2                                 | 8   | 0  | T                                       | 0.0                        | 30.010  | 05              | 7.5           | 8.0       | 17        | NE            | 13               | 04                        | 340               | 43                   | 10        | 10   |     |
| 20             | 77             | 51                | 64      | 5                           | 57                | 1                                   | 0                                   | 2                                 |   | 0  | T                                       | 0.0                        | 29.950  | 11              | 7.2           | 8.5       | 17        | E             | 12               | 12                        | 412               | 51                   | 10        | 9    |     |
| 21             | 75             | 62                | 69      | 9                           | 65                | 0                                   | 4                                   | 1                                 |   | 0  | 0.93                                    | 0.0                        | 29.790  | 15              | 13.4          | 14.2      | 30        | S             | 23               | 17                        | 271               | 34                   | 10        | 10   |     |
| 22             | 80             | 62                | 71      | 11                          | 59                | 0                                   | 6                                   | 1                                 |   | 0  | 0.23                                    | 0.0                        | 29.820  | 19              | 8.8           | 10.6      | 25        | S             | 17               | 19                        | 614               | 76                   | 7         | 6    |     |
| 23             | 83             | 50                | 67      | 7                           | 47                | 0                                   | 2                                   | 2                                 |   | 0  | 0.00                                    | 0.0                        | 29.940  | 19              | 1.3           | 6.3       | 13        | S             | 12               | 17                        | 808               | 100                  | 0         | 0    |     |
| 24             | 86             | 54                | 70      | 9                           | 54                | 0                                   | 5                                   | 3                                 |   | 0  | 0.06                                    | 0.0                        | 29.660  | 20              | 8.3           | 11.5      | 49        | N             | 21               | 35                        | 688               | 85                   | 5         | 4    |     |
| 25             | 71             | 51                | 61      | 0                           | 52                | 4                                   | 0                                   | 1                                 | 5   | 0  | 0.10                                    | T                          | 29.540  | 01              | 5.6           | 8.1       | 25        | N             | 16               | 35                        | 579               | 71                   | 7         | 7    |     |
| 26             | 54             | 45                | 50      | -11                         | 46                | 15                                  | 0                                   | 1                                 |   | 0  | 0.14                                    | 0.0                        | 29.670  | 36              | 6.7           | 8.4       | 20        | N             | 15               | 34                        | 466               | 57                   | 10        | 10   |     |
| 27             | 63             | 41                | 52      | -9                          | 41                | 13                                  | 0                                   | 1                                 |   | 0  | T                                       | 0.0                        | 29.780  | 32              | 4.4           | 5.7       | 22        | W             | 12               | 36                        | 572               | 70                   | 5         | 4    |     |
| 28             | 64             | 41                | 53      | -9                          | 40                | 12                                  | 0                                   | 0                                 |   | 0  | T                                       | 0.0                        | 29.820  | 01              | 5.9           | 7.8       | 26        | NE            | 17               | 02                        | 563               | 69                   | 8         | 6    |     |
| 29             | 67             | 37                | 52      | -10                         | 38                | 13                                  | 0                                   | 0                                 |   | 0  | 0.00                                    | 0.0                        | 29.860  | 04              | 2.4           | 6.4       | 18        | N             | 9                | 14                        | 760               | 92                   | 2         | 1    |     |
| 30             | 72             | 41                | 57      | -5                          | 45                | 8                                   | 0                                   | 1                                 |   | 0  | 0.04                                    | 0.0                        | 29.760  | 20              | 4.7           | 8.3       | 31        | NW            | 21               | 30                        | 505               | 61                   | 10        | 8    |     |
| SUM            | SUM            | SUM               | SUM     | SUM                         | SUM               | TOTAL                               | TOTAL                               | NUMBER OF DAYS                    |   | TOTAL  | TOTAL                                   | FOR THE MONTH:             |   |                 |               |           | TOTAL     | %             | SUM              | SUM                       |                   |                      |           |      |     |
| 2109           | 1358           |                   |         |                             |                   | 261                                 | 51                                  |                                   |   | 2.21   | 1                                       | 29.840                     | 21  | 1.7             | 9.4           | 49        | N         | 23            | 17               | 17555                     | 74                | 194                  | 179       |      |     |
| AVG.           | AVG.           | AVG.              | DEP.    | AVG.                        | DEP.              | PRECIPITATION                       |                                     | PRECIPITATION                     |   | DEP.   |   |                            |   |                 |               | DATE: 24  | DATE: 21+ | POSSIBLE      |                  |                           |                   | MONTH                | AVG.      | AVG. |     |
| 70.3           | 45.3           | 57.8              | -0.1    | 43.1                        | 35                | 38                                  | ≥ .01 INCH.                         | 11                                | -0.69   |  |   |                            |   |                 |               |           |           |               |                  |                           |                   | 23701                | 74        | 6.5  | 6.0 |
| NUMBER OF DAYS |                | SEASON TO DATE    |         | SNOW, ICE PELLETS           |                   | GREATEST IN 24 HOURS AND DATES      |                                     | GREATEST DEPTH ON GROUND OF       |   |  |   |                            |   |                 |               |           |           |               |                  |                           |                   |                      |           |      |     |
| TOTAL          |                | TOTAL             |         | ≥ 1.0 INCH                  |                   | SNOW, ICE PELLETS                   |                                     | SNOW, ICE PELLETS OR ICE AND DATE |   |  |   |                            |   |                 |               |           |           |               |                  |                           |                   |                      |           |      |     |
| 3505           |                | 51                |         | 0                           |                   | THUNDERSTORMS                       |                                     | 2                                 |   |  |   |                            |   |                 |               |           |           |               |                  |                           |                   |                      |           |      |     |
| PRECIPITATION  |                | SNOW, ICE PELLETS |         | GREATEST DEPTH ON GROUND OF |                   | SNOW, ICE PELLETS OR ICE AND DATE   |                                     | 2                                 |   |  |   |                            |   |                 |               |           |           |               |                  |                           |                   |                      |           |      |     |
| ≥ 90°          |                | ≤ 32°             |         | ≤ 32°                       |                   | ≤ 0°                                |                                     | DEP.                              |   |  |   |                            |   |                 |               |           |           |               |                  |                           |                   |                      |           |      |     |
| 0              |                | 0                 |         | 4                           |                   | 0                                   |                                     | -390                              |   |  |   |                            |   |                 |               |           |           |               |                  |                           |                   |                      |           |      |     |
| 38             |                | 5                 |         | PARTLY CLOUDY               |                   | 14                                  |                                     | CLOUDY 11                         |   |  |   |                            |   |                 |               |           |           |               |                  |                           |                   |                      |           |      |     |

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † 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



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

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 DIRECTOR NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

APR 1992 RICHMOND, VA 13740

| HOUR L. S. T. | SKY COVER (TENTHS)          |             |            | VISI-BILITY |        | TEMPERATURE |              |                |           | WIND          |                             | SKY COVER (TENTHS) |            |         | VISI-BILITY |             | TEMPERATURE  |                |           |               | WIND                        |             |            |         |        |             |              |                |           |               |  |
|---------------|-----------------------------|-------------|------------|-------------|--------|-------------|--------------|----------------|-----------|---------------|-----------------------------|--------------------|------------|---------|-------------|-------------|--------------|----------------|-----------|---------------|-----------------------------|-------------|------------|---------|--------|-------------|--------------|----------------|-----------|---------------|--|
|               | CEILING IN HUNDREDS OF FEET | WHOLE MILES | 16THS MILE | WEATHER     | AIR OF | WET BULB OF | DEW POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) | CEILING IN HUNDREDS OF FEET | WHOLE MILES        | 16THS MILE | WEATHER | AIR OF      | WET BULB OF | DEW POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) | CEILING IN HUNDREDS OF FEET | WHOLE MILES | 16THS MILE | WEATHER | AIR OF | WET BULB OF | DEW POINT OF | REL HUMIDITY % | DIRECTION | SPEED (KNOTS) |  |
| APR 1st       |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| 01            | 0                           | UNL         | 10         |             | 41     | 38          | 34           | 76             | 19        | 4             | 7                           | 120                | 10         |         | 41          | 37          | 31           | 68             | 34        | 10            | 0                           | UNL         | 10         |         | 33     | 27          | 14           | 46             | 29        | 12            |  |
| 04            | 0                           | UNL         | 10         |             | 37     | 37          | 36           | 96             | 11        | 3             | 0                           | UNL                | 10         |         | 35          | 33          | 30           | 82             | 31        | 6             | 0                           | UNL         | 10         |         | 31     | 26          | 14           | 49             | 29        | 10            |  |
| 07            | 10                          | UNL         | 3          | F           | 40     | 40          | 40           | 100            | 19        | 7             | 0                           | UNL                | 10         |         | 36          | 33          | 28           | 73             | 29        | 7             | 0                           | UNL         | 10         |         | 31     | 26          | 15           | 52             | 23        | 9             |  |
| 10            | 9                           | UNL         | 7          |             | 53     | 45          | 36           | 53             | 21        | 10            | 2                           | UNL                | 12         |         | 45          | 35          | 17           | 33             | 28        | 10            | 0                           | UNL         | 10         |         | 39     | 31          | 15           | 38             | 28        | 13            |  |
| 13            | 8                           | 70          | 7          |             | 64     | 50          | 35           | 34             | 20        | 9             | 8                           | 80                 | 12         |         | 47          | 35          | 12           | 24             | 30        | 13            | 0                           | UNL         | 12         |         | 48     | 37          | 17           | 29             | 20        | 9             |  |
| 16            | 10                          | 120         | 7          |             | 64     | 50          | 35           | 34             | 24        | 11            | 10                          | 37                 | 12         |         | 45          | 35          | 18           | 34             | 30        | 15            | 7                           | UNL         | 12         |         | 51     | 38          | 15           | 24             | 23        | 12            |  |
| 19            | 10                          | 65          | 7          | R           | 52     | 47          | 42           | 69             | 01        | 11            | 8                           | 90                 | 12         |         | 40          | 32          | 15           | 36             | 30        | 14            | 10                          | 80          | 12         |         | 48     | 37          | 19           | 32             | 22        | 11            |  |
| 22            | 10                          | 100         | 7          | R           | 42     | 40          | 38           | 86             | 35        | 13            | 0                           | UNL                | 10         |         | 35          | 28          | 13           | 40             | 31        | 13            | 0                           | UNL         | 10         |         | 43     | 34          | 18           | 37             | 35        | 13            |  |
| APR 2nd       |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 3rd       |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 4th       |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 5th       |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 6th       |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 7th       |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 8th       |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 9th       |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 10th      |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 11th      |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 12th      |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 13th      |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 14th      |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 15th      |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 16th      |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 17th      |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |
| APR 18th      |                             |             |            |             |        |             |              |                |           |               |                             |                    |            |         |             |             |              |                |           |               |                             |             |            |         |        |             |              |                |           |               |  |

MAXIMUM SHORT DURATION PRECIPITATION

| TIME PERIOD (MINUTES)  | 5    | 10   | 15   | 20   | 30   | 45   | 60   | 80   | 100  | 120  | 150  | 180  |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| PRECIPITATION (INCHES) | 0.20 | 0.31 | 0.38 | 0.43 | 0.51 | 0.59 | 0.66 | 0.74 | 0.79 | 0.83 | 0.84 | 0.90 |
| ENDED: DATE            | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 22   |
| ENDED: TIME            | 2139 | 2144 | 2148 | 2154 | 2204 | 2218 | 2232 | 2253 | 2312 | 2327 | 2359 | 0034 |

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.

## OBSERVATIONS AT 3-HOUR INTERVALS

APR 1992  
RICHMOND, VA

13740

| HOUR (L.S.T.) | SKY COVER (TENTHS) |     |    | VISI-BILITY |    |    | TEMPERATURE |    |        |             | WIND         |                | SKY COVER (TENTHS) | CEILING IN HUNDREDS OF FEET |               |    | VISI-BILITY |    |    | WEATHER | TEMPERATURE |    |    |    | WIND   |             |              |                |           |
|---------------|--------------------|-----|----|-------------|----|----|-------------|----|--------|-------------|--------------|----------------|--------------------|-----------------------------|---------------|----|-------------|----|----|---------|-------------|----|----|----|--------|-------------|--------------|----------------|-----------|
|               | 01                 | 04  | 07 | 10          | 13 | 16 | 19          | 22 | AIR OF | WET BULB OF | DEW POINT OF | REL HUMIDITY % |                    | DIRECTION                   | SPEED (KNOTS) | 01 | 04          | 07 | 10 |         | 13          | 16 | 19 | 22 | AIR OF | WET BULB OF | DEW POINT OF | REL HUMIDITY % | DIRECTION |
| APR 19th      |                    |     |    |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| 01            | 10                 | 4   | 2  |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| APR 20th      |                    |     |    |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| 01            | 10                 | 4   | 2  |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| APR 21st      |                    |     |    |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| 01            | 10                 | 4   | 2  |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| APR 22nd      |                    |     |    |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| 01            | 10                 | 5   | 4  |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| APR 23rd      |                    |     |    |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| 01            | 10                 | 5   | 4  |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| APR 24th      |                    |     |    |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| 01            | 10                 | 5   | 4  |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| APR 25th      |                    |     |    |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| 01            | 4                  | UNL | 2  |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| APR 26th      |                    |     |    |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| 01            | 4                  | UNL | 2  |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| APR 27th      |                    |     |    |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| 01            | 4                  | UNL | 2  |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| APR 28th      |                    |     |    |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| 01            | 1                  | UNL | 7  |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| APR 29th      |                    |     |    |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| 01            | 1                  | UNL | 7  |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| APR 30th      |                    |     |    |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |
| 01            | 1                  | UNL | 7  |             |    |    |             |    |        |             |              |                |                    |                             |               |    |             |    |    |         |             |    |    |    |        |             |              |                |           |

## WEATHER CODES

|                     |                        |                  |
|---------------------|------------------------|------------------|
| * TORNAOO           | SW SNOW SHOWERS        | GF GROUND FOG    |
| T THUNDERSTORM      | SG SNOW GRAINS         | BD BLOWING DUST  |
| Q SQUALL            | SP SNOW PELLETS        | BN BLOWING SAND  |
| R RAIN              | IC ICE CRYSTALS        | BS BLOWING SNOW  |
| RW RAIN SHOWERS     | IP ICE PELLETS         | BY BLOWING SPRAY |
| ZR FREEZING RAIN    | IPW ICE PELLET SHOWERS | K SMOKE          |
| L DRIZZLE           | A HAIL                 | H HAZE           |
| ZL FREEZING DRIZZLE | F FOG                  | D DUST           |
| S SNOW              | IF ICE FOG             |                  |

CEILING: UNL INDICATES UNLIMITED

WIND DIRECTION: DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS, INDICATED IN TENS OF DEGREES FROM TRUE NORTH: I.E., 09 FOR EAST, 18 FOR SOUTH 27 FOR WEST. AN ENTRY OF 00 INDICATES CALM.  
SPEED: THE OBSERVED AVERAGE ONE-MINUTE VALUE, EXPRESSED IN KNOTS (MPH=KNOTS X 1.15).

## SUMMARY BY HOURS

| HOUR L.S.T. | SKY COVER (TENTHS) | AVERAGES                  |             |             |              |                |                  | RESULTANT WIND |             |
|-------------|--------------------|---------------------------|-------------|-------------|--------------|----------------|------------------|----------------|-------------|
|             |                    | STATION PRESSURE (INCHES) | TEMPERATURE |             |              | REL HUMIDITY % | WIND SPEED (MPH) | DIRECTION      | SPEED (MPH) |
|             |                    |                           | AIR TEMP OF | WET BULB OF | DEW POINT OF |                |                  |                |             |
| 01          | 5                  | 29.850                    | 51          | 47          | 43           | 77             | 8.3              | 20             | 1.5         |
| 04          | 4                  | 29.840                    | 49          | 46          | 43           | 82             | 7.1              | 23             | 1.0         |
| 07          | 6                  | 29.880                    | 50          | 47          | 44           | 79             | 7.9              | 21             | 1.2         |
| 10          | 6                  | 29.880                    | 60          | 52          | 42           | 54             | 11.0             | 24             | 1.9         |
| 13          | 7                  | 29.830                    | 67          | 54          | 42           | 43             | 10.7             | 23             | 2.1         |
| 16          | 7                  | 29.780                    | 67          | 54          | 42           | 45             | 12.2             | 21             | 3.8         |
| 19          | 6                  | 29.810                    | 60          | 52          | 44           | 60             | 8.9              | 12             | 0.7         |
| 22          | 6                  | 29.850                    | 54          | 49          | 44           | 72             | 8.7              | 19             | 1.4         |

