

# Local Climatological Data

## MONTHLY SUMMARY



LATITUDE 39° 40' N LONGITUDE 75° 36' W ELEVATION (GROUND) 74 FT. STANDARD TIME USED: EASTERN WBAN #13781

| DATE           | TEMPERATURE °F |         |         |                             |                      | DEGREE DAYS<br>BASE 85°                 |                                         | WEATHER TYPES<br>ON DATES OF<br>OCCURRENCE | SNOW,<br>ICE<br>PELLETS<br>OR<br>ICE ON<br>GROUND<br>AT<br>07AM | PRECIPITATION                   |                                | STATION<br>PRESSURE<br>IN.<br>ELEV.<br>FEET<br>M.S.L. | WIND           |                           |                         |                              | SUNSHINE  |                           | SKY COVER<br>TENTHS  |                          | DATE |    |
|----------------|----------------|---------|---------|-----------------------------|----------------------|-----------------------------------------|-----------------------------------------|--------------------------------------------|-----------------------------------------------------------------|---------------------------------|--------------------------------|-------------------------------------------------------|----------------|---------------------------|-------------------------|------------------------------|-----------|---------------------------|----------------------|--------------------------|------|----|
|                | MAXIMUM        | MINIMUM | AVERAGE | DEPARTURE<br>FROM<br>NORMAL | AVERAGE<br>DEW POINT | HEATING (SEASON<br>BEGINNING WITH JULY) | COOLING (SEASON<br>BEGINNING WITH JAN.) |                                            |                                                                 | WATER<br>EQUIVA-<br>LENT<br>IN. | SNOW,<br>ICE<br>PELLETS<br>IN. |                                                       | RESULTANT DIR. | RESULTANT<br>SPEED M.P.H. | WIND<br>SPEED<br>M.P.H. | FASTEST<br>MILE<br>DIRECTION | MINUTES   | PERCENT<br>OF<br>POSSIBLE | SUNRISE TO<br>SUNSET | MOONLIGHT TO<br>MIDNIGHT |      |    |
|                |                |         |         |                             |                      |                                         |                                         |                                            |                                                                 |                                 |                                |                                                       |                |                           |                         |                              |           |                           |                      |                          |      |    |
| 1              | 2              | 3       | 4       | 5                           | 6                    | 7A                                      | 7B                                      | 8                                          | 9                                                               | 10                              | 11                             | 12                                                    | 13             | 14                        | 15                      | 16                           | 17        | 18                        | 19                   | 20                       | 21   | 22 |
| 1              | 87             | 62      | 75      | 7                           | 61                   | 0                                       | 10                                      | 1                                          | 8                                                               | 0                               | T                              | 0                                                     | 29.86          | 26                        | 6.0                     | 6.8                          | 14        | 29                        | 5                    | 5                        | 1    |    |
| 2              | 88             | 71      | 80      | 12                          | 65                   | 0                                       | 15                                      |                                            | 8                                                               | 0                               | T                              | 0                                                     | 29.77          | 24                        | 10.8                    | 11.8                         | 15        | 25                        | 9                    | 8                        | 2    |    |
| 3              | 88             | 69      | 79      | 11                          | 65                   | 0                                       | 14                                      | 1                                          | 3                                                               | 8                               |                                | 0                                                     | 29.73          | 24                        | 8.0                     | 10.4                         | 18        | 30                        | 10                   | 7                        | 3    |    |
| 4              | 77             | 56      | 67      | -2                          | 51                   | 0                                       | 2                                       |                                            |                                                                 |                                 | 0                              | 0                                                     | 29.88          | 32                        | 11.4                    | 12.1                         | 21        | 32                        | 4                    | 2                        | 4    |    |
| 5              | 76             | 55      | 66      | -3                          | 41                   | 0                                       | 1                                       |                                            |                                                                 |                                 | 0                              | 0                                                     | 30.01          | 34                        | 11.6                    | 11.8                         | 18        | 32                        | 6                    | 5                        | 5    |    |
| 6              | 74             | 51      | 63      | -6                          | 53                   | 0                                       | 2                                       | 1                                          | 8                                                               | 0                               | 0                              | 0                                                     | 29.89          | 18                        | 5.5                     | 8.5                          | 15        | 18                        | 10                   | 9                        | 6    |    |
| 7              | 89             | 65      | 77      | 8                           | 64                   | 0                                       | 0                                       | 1                                          | 3                                                               | 8                               | 0                              | 0                                                     | 29.77          | 25                        | 4.3                     | 9.4                          | 29        | 24                        | 7                    | 8                        | 7    |    |
| 8              | 83             | 50      | 67      | -3                          | 55                   | 0                                       | 2                                       | 1                                          | 3                                                               | 8                               | 0                              | 0                                                     | 29.59          | 31                        | 13.6                    | 16.0                         | 28        | 31                        | 5                    | 5                        | 8    |    |
| 9              | 73             | 45      | 59      | -11                         | 43                   | 6                                       | 0                                       | 1                                          | 3                                                               | 0                               | 0                              | 0                                                     | 29.70          | 23                        | 11.6                    | 13.4                         | 23        | 20                        | 4                    | 5                        | 9    |    |
| 10             | 68             | 52      | 60      | -10                         | 48                   | 5                                       | 0                                       | 1                                          |                                                                 |                                 | 0                              | 0                                                     | 29.74          | 26                        | 4.5                     | 7.1                          | 21        | 31                        | 8                    | 6                        | 10   |    |
| 11             | 70             | 44      | 57      | -13                         | 41                   | 8                                       | 0                                       |                                            |                                                                 |                                 | 0                              | 0                                                     | 30.06          | 32                        | 6.5                     | 7.6                          | 17        | 32                        | 1                    | 1                        | 11   |    |
| 12             | 73             | 46      | 60      | -11                         | 44                   | 5                                       | 0                                       |                                            |                                                                 |                                 | 0                              | 0                                                     | 30.20          | 32                        | 5.8                     | 7.1                          | 12        | 36                        | 1                    | 1                        | 12   |    |
| 13             | 79             | 49      | 64      | -7                          | 49                   | 1                                       | 0                                       |                                            | 8                                                               | 0                               | 0                              | 0                                                     | 30.14          | 20                        | 1.9                     | 7.8                          | 14        | 17                        | 0                    | 0                        | 13   |    |
| 14             | 83             | 50      | 67      | -4                          | 53                   | 0                                       | 2                                       |                                            |                                                                 |                                 | 0                              | 0                                                     | 29.87          | 31                        | 6.4                     | 7.5                          | 14        | 32                        | 1                    | 1                        | 14   |    |
| 15             | 88             | 65      | 77      | 6                           | 63                   | 0                                       | 12                                      | 3                                          | 8                                                               | 0                               | 0                              | 0                                                     | 29.70          | 27                        | 9.4                     | 11.4                         | 33        | 30                        | 9                    | 9                        | 15   |    |
| 16             | 70             | 56      | 63      | -9                          | 56                   | 2                                       | 0                                       | 1                                          |                                                                 |                                 | 0                              | 0                                                     | 29.81          | 30                        | 5.5                     | 8.8                          | 16        | 34                        | 9                    | 9                        | 16   |    |
| 17             | 76             | 49      | 63      | -9                          | 45                   | 2                                       | 0                                       |                                            |                                                                 |                                 | 0                              | 0                                                     | 30.01          | 32                        | 5.9                     | 7.5                          | 13        | 33                        | 0                    | 0                        | 17   |    |
| 18             | 73             | 53      | 63      | -9                          | 50                   | 2                                       | 0                                       |                                            |                                                                 |                                 | 0                              | 0                                                     | 29.97          | 17                        | 8.5                     | 8.9                          | 16        | 17                        | 7                    | 7                        | 18   |    |
| 19             | 75             | 51      | 63      | -9                          | 53                   | 2                                       | 0                                       | 1                                          | 8                                                               | 0                               | 0                              | 0                                                     | 29.89          | 16                        | 5.3                     | 8.5                          | 17        | 15                        | 1                    | 1                        | 19   |    |
| 20             | 74             | 59      | 67      | -6                          | 48                   | 0                                       | 2                                       |                                            |                                                                 |                                 | 0                              | 0                                                     | 29.80          | 28                        | 10.1                    | 13.4                         | 25        | 30                        | 6                    | 7                        | 20   |    |
| 21             | 81             | 59      | 70      | -3                          | 48                   | 0                                       | 5                                       |                                            |                                                                 |                                 | 0                              | 0                                                     | 29.95          | 28                        | 10.2                    | 11.1                         | 18        | 31                        | 5                    | 5                        | 21   |    |
| 22             | 82             | 55      | 69      | -4                          | 54                   | 0                                       | 4                                       |                                            |                                                                 |                                 | 0                              | 0                                                     | 30.00          | 23                        | 2.9                     | 6.2                          | 10        | 18                        | 3                    | 3                        | 22   |    |
| 23             | 84             | 58      | 71      | -2                          | 57                   | 0                                       | 6                                       |                                            | 8                                                               | 0                               | 0                              | 0                                                     | 30.05          | 17                        | 4.9                     | 6.0                          | 16        | 17                        | 6                    | 5                        | 23   |    |
| 24             | 87             | 64      | 76      | 3                           | 62                   | 0                                       | 11                                      |                                            | 8                                                               | 0                               | 0                              | 0                                                     | 30.02          | 22                        | 5.1                     | 5.3                          | 14        | 22                        | 10                   | 9                        | 24   |    |
| 25             | 84             | 66      | 75      | 1                           | 64                   | 0                                       | 10                                      | 1                                          | 8                                                               | 0                               | 0                              | 0                                                     | 30.00          | 17                        | 8.0                     | 9.4                          | 16        | 16                        | 7                    | 7                        | 25   |    |
| 26             | 81             | 65      | 73      | -1                          | 64                   | 0                                       | 8                                       | 1                                          | 8                                                               | 0                               | 0                              | 0                                                     | 29.88          | 10                        | 5.1                     | 6.9                          | 13        | 07                        | 9                    | 8                        | 26   |    |
| 27             | 92             | 68      | 80      | 6                           | 67                   | 0                                       | 15                                      | 2                                          | 8                                                               | 0                               | 0                              | 0                                                     | 29.76          | 26                        | 6.6                     | 8.5                          | 15        | 26                        | 3                    | 4                        | 27   |    |
| 28             | 81             | 66      | 74      | 0                           | 60                   | 0                                       | 9                                       | 3                                          | 5                                                               | 8                               | 0                              | 0                                                     | 29.83          | 12                        | 3.3                     | 11.2                         | 21        | 16                        | 6                    | 6                        | 28   |    |
| 29             | 86             | 68      | 77      | 3                           | 68                   | 0                                       | 12                                      | 1                                          | 3                                                               | 8                               | 0                              | 0                                                     | 29.68          | 18                        | 1.2                     | 8.1                          | 33        | 23                        | 7                    | 8                        | 29   |    |
| 30             | 80             | 64      | 72      | -3                          | 60                   | 0                                       | 7                                       | 1                                          | 8                                                               | 0                               | 0                              | 0                                                     | 29.65          | 29                        | 8.5                     | 10.2                         | 20        | 31                        | 5                    | 5                        | 30   |    |
| SUM            |                | SUM     |         |                             |                      | TOTAL                                   | TOTAL                                   |                                            |                                                                 | TOTAL                           | TOTAL                          | FOR THE MONTH:                                        |                |                           |                         |                              |           | TOTAL                     | %                    | SUM                      | SUM  |    |
| 2402           |                | 1731    |         |                             |                      | 35                                      | 159                                     | NUMBER OF DAYS                             |                                                                 | 4.23                            | 0                              | 29.88                                                 | 27             | 4.0                       | 9.3                     | 33                           | 23        |                           | FOR                  | 164                      | 152  |    |
| AVG.           |                | AVG.    | AVG.    | DEP.                        | AVG.                 | DEP.                                    | DEP.                                    | PRECIPITATION                              |                                                                 | DEP.                            |                                |                                                       |                |                           |                         |                              | DATE: 29+ | POSSIBLE                  | MONTH                | AVG.                     | AVG. |    |
| 80.1           |                | 57.7    | 68.9    | -2.5                        | 55                   | 35                                      | -37                                     | > .01 INCH                                 |                                                                 | 11                              | 0.99                           |                                                       |                |                           |                         |                              |           |                           |                      | 5.5                      | 5.1  |    |
| SEASON TO DATE |                |         |         |                             |                      | TOTAL                                   | TOTAL                                   | SNOW, ICE PELLETS                          |                                                                 |                                 |                                |                                                       |                |                           |                         |                              |           |                           |                      |                          |      |    |
| NUMBER OF DAYS |                |         |         |                             |                      | 4851                                    | 242                                     | > 1.0 INCH                                 |                                                                 | 0                               |                                |                                                       |                |                           |                         |                              |           |                           |                      |                          |      |    |
| MAXIMUM TEMP.  |                | < 32°   | < 32°   | < 0°                        |                      | DEP.                                    | DEP.                                    | THUNDERSTORMS                              |                                                                 | 1                               | 1.72                           | 28-29                                                 | 0              |                           |                         |                              |           |                           |                      |                          |      |    |
| > 40°          |                | 0       | 0       | 0                           | 0                    | -89                                     | -2                                      | CLEAR                                      |                                                                 | 8                               | PARTLY CLOUDY                  | 14                                                    | CLOUDY         | 8                         |                         |                              |           |                           |                      |                          |      |    |

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
T TRACE AMOUNT.  
+ ALSO ON AN EARLIER DATE, OR DATES.  
HEAVY FOG: - VISIBILITY 1/4 MILE OR LESS.  
FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

### SUMMARY BY HOURS

| HOUR | LOCAL TIME | SKY COVER | AVERAGES             |             |             |         |            |                     |                   | RESULTANT WIND |              |
|------|------------|-----------|----------------------|-------------|-------------|---------|------------|---------------------|-------------------|----------------|--------------|
|      |            |           | STATION PRESSURE IN. | TEMPERATURE |             |         |            | RELATIVE HUMIDITY % | WIND SPEED M.P.H. | DIRECTION      | SPEED M.P.H. |
|      |            |           |                      | AIR °F      | WET BULB °F | BULB °F | DEW PT. °F |                     |                   |                |              |
| 01   | 4          | 29.88     | 63                   | 58          | 55          | 78      | 6.4        | 26                  | 2.9               |                |              |
| 04   | 5          | 29.88     | 60                   | 57          | 55          | 82      | 6.2        | 28                  | 3.5               |                |              |
| 07   | 5          | 29.90     | 65                   | 60          | 56          | 73      | 7.2        | 30                  | 4.3               |                |              |
| 10   | 5          | 29.90     | 73                   | 63          | 55          | 55      | 11.0       | 28                  | 4.8               |                |              |
| 13   | 6          | 29.87     | 77                   | 64          | 55          | 48      | 13.1       | 26                  | 5.7               |                |              |
| 16   | 6          | 29.85     | 77                   | 64          | 55          | 47      | 12.8       | 26                  | 5.1               |                |              |
| 19   | 6          | 29.85     | 72                   | 62          | 54          | 55      | 9.4        | 23                  | 3.9               |                |              |
| 22   | 4          | 29.88     | 66                   | 60          | 55          | 69      | 8.1        | 27                  | 3.4               |                |              |

### HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

| 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  |      |
| 1    | T                    |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 1    |
| 2    |                      |     |     |     |   |     |     |     |     |     |     |    |                      | T | T   |     |     |     |     |     | T   |     |     |     | 2    |
| 3    |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     | .18 | T   |     |     |     |     |     |     |     | 3    |
| 4    |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 4    |
| 5    |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 5    |
| 6    |                      |     |     |     |   |     |     |     |     |     |     |    |                      | T |     |     |     | T   | .01 | .02 | T   |     |     |     | 6    |
| 7    |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     | .27 | .10 | .09 | .02 |     | 7    |
| 8    |                      |     |     |     |   |     | T   | .38 | .03 |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 8    |
| 9    |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 9    |
| 10   |                      |     |     |     |   | .01 | .02 | .02 | .01 | .01 | .01 |    |                      | T | .10 |     |     |     |     | .11 | .05 | .08 | .04 | .01 | 10   |
| 11   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 11   |
| 12   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 12   |
| 13   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 13   |
| 14   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 14   |
| 15   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 15   |
| 16   | T                    | .01 | .08 | .16 | T | .01 | T   | T   | T   | T   | T   | T  |                      |   |     | .17 | .04 | T   | T   |     | .25 | .16 | T   | .01 | 16   |
| 17   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 17   |
| 18   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 18   |
| 19   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 19   |
| 20   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 20   |
| 21   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 21   |
| 22   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 22   |
| 23   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 23   |
| 24   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 24   |
| 25   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 25   |
| 26   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 26   |
| 27   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 27   |
| 28   |                      |     |     |     |   |     |     |     |     |     |     |    |                      |   |     |     |     |     |     |     |     |     |     |     | 28   |
| 29   |                      |     |     |     |   | .01 |     |     |     |     |     |    |                      |   |     |     | .54 | .36 | T   | .81 | .01 | T   | .01 | .02 | 29   |
| 30   | T                    |     |     |     |   | T   | .01 |     |     |     |     |    |                      |   |     |     |     |     |     | T   |     |     |     |     | 30   |

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE

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USCOMM--NOAA--ASHEVILLE

## OBSERVATIONS AT 3-HOUR INTERVALS

| HOUR   | SKY COVER<br>TENTHS | CEILING<br>HDS. OF FT. | VISI-<br>BILITY<br>MILES | WEATHER | TEMPERATURE |                |               |                |        | WIND<br>DIR | SPEED<br>KNOTS | SKY COVER<br>TENTHS | CEILING<br>HDS. OF FT. | VISI-<br>BILITY<br>MILES | WEATHER | TEMPERATURE    |               |                |        |                | WIND<br>DIR | SPEED<br>KNOTS | SKY COVER<br>TENTHS | CEILING<br>HDS. OF FT. | VISI-<br>BILITY<br>MILES | WEATHER | TEMPERATURE   |                |        |                |               | WIND<br>DIR | SPEED<br>KNOTS |                |
|--------|---------------------|------------------------|--------------------------|---------|-------------|----------------|---------------|----------------|--------|-------------|----------------|---------------------|------------------------|--------------------------|---------|----------------|---------------|----------------|--------|----------------|-------------|----------------|---------------------|------------------------|--------------------------|---------|---------------|----------------|--------|----------------|---------------|-------------|----------------|----------------|
|        |                     |                        |                          |         | AIR °F      | NET<br>BULB °F | DEW PT.<br>°F | REL. HUM.<br>% | AIR °F |             |                |                     |                        |                          |         | NET<br>BULB °F | DEW PT.<br>°F | REL. HUM.<br>% | AIR °F | NET<br>BULB °F |             |                |                     |                        |                          |         | DEW PT.<br>°F | REL. HUM.<br>% | AIR °F | NET<br>BULB °F | DEW PT.<br>°F |             |                | REL. HUM.<br>% |
|        |                     |                        |                          |         |             |                |               |                |        |             |                |                     |                        |                          |         |                |               |                |        |                |             |                |                     |                        |                          |         |               |                |        |                |               |             |                |                |
| DAY 01 |                     |                        |                          |         |             |                |               |                |        |             |                |                     |                        |                          |         |                |               |                |        |                |             |                |                     |                        |                          |         |               |                |        |                |               |             |                |                |
| 01     | 7                   | UNL                    | 7                        |         | 68          | 64             | 61            | 78             | 24     | 4           |                | 8                   | UNL                    | 7                        |         | 72             | 67            | 64             | 76     | 17             | 7           |                | 3                   | UNL                    | 7                        |         | 72            | 67             | 65     | 79             | 26            | 6           |                |                |
| 04     | 0                   | UNL                    | 3                        | FH      | 63          | 61             | 59            | 87             | 27     | 3           |                | 10                  | 250                    | 3                        | H       | 74             | 68            | 64             | 71     | 23             | 11          |                | 4                   | UNL                    | 2                        |         | 70            | 67             | 65     | 84             | 18            | 5           |                |                |
| 07     | 6                   | 250                    | 3                        |         | 70          | 65             | 62            | 76             | 26     | 4           |                | 8                   | 250                    | 3                        | H       | 75             | 68            | 64             | 69     | 23             | 12          |                | 4                   | UNL                    | 2                        |         | 75            | 70             | 68     | 79             | 23            | 6           |                |                |
| 10     | 1                   | UNL                    | 7                        |         | 80          | 68             | 61            | 52             | 28     | 7           |                | 10                  | 250                    | 6                        |         | 84             | 71            | 65             | 53     | 23             | 10          |                | 10                  | 85                     | 4                        |         | 78            | 72             | 66     | 55             | 27            | 13          |                |                |
| 13     | 4                   | UNL                    | 10                       |         | 85          | 68             | 57            | 39             | 30     | 11          |                | 10                  | 100                    | 5                        | H       | 87             | 73            | 66             | 50     | 25             | 12          |                | 10                  | 250                    | 5                        |         | 84            | 73             | 67     | 57             | 26            | 14          |                |                |
| 16     | 5                   | UNL                    | 10                       |         | 86          | 69             | 60            | 42             | 26     | 10          |                | 5                   | UNL                    | 5                        |         | 85             | 73            | 66             | 55     | 24             | 12          |                | 10                  | 40                     | 6                        | TRWH    | 70            | 64             | 60     | 71             | 18            | 11          |                |                |
| 19     | 10                  | 250                    | 8                        |         | 81          | 69             | 62            | 53             | 22     | 8           |                | 10                  | UNL                    | 7                        | H       | 81             | 70            | 65             | 58     | 27             | 12          |                | 10                  | 150                    | 7                        |         | 70            | 67             | 65     | 84             | 22            | 7           |                |                |
| 22     | 10                  | 30                     | 8                        |         | 74          | 67             | 63            | 69             | 00     | 8           |                | 7                   | UNL                    | 5                        |         | 75             | 69            | 65             | 71     | 25             | 12          |                | 3                   | UNL                    | 10                       |         | 70            | 65             | 62     | 76             | 30            | 10          |                |                |
| DAY 02 |                     |                        |                          |         |             |                |               |                |        |             |                |                     |                        |                          |         |                |               |                |        |                |             |                |                     |                        |                          |         |               |                |        |                |               |             |                |                |
| 01     | 0                   | UNL                    | 15                       |         | 66          | 60             | 56            | 70             | 32     | 8           |                | 0                   | UNL                    | 15                       |         | 55             | 51            | 47             | 75     | 34             | 10          |                | 3                   | UNL                    | 15                       |         | 55            | 50             | 46     | 72             | 32            | 5           |                |                |
| 04     | 0                   | UNL                    | 15                       |         | 60          | 56             | 53            | 78             | 27     | 9           |                | 0                   | UNL                    | 15                       |         | 57             | 51            | 45             | 64     | 34             | 8           |                | 8                   | UNL                    | 15                       |         | 52            | 48             | 45     | 77             | 30            | 4           |                |                |
| 07     | 4                   | UNL                    | 10                       |         | 65          | 59             | 54            | 68             | 32     | 9           |                | 1                   | UNL                    | 20                       |         | 62             | 53            | 44             | 52     | 34             | 13          |                | 10                  | 90                     | 8                        |         | 60            | 55             | 51     | 72             | 00            | 0           |                |                |
| 10     | 4                   | UNL                    | 10                       |         | 71          | 61             | 54            | 64             | 34     | 14          |                | 8                   | UNL                    | 25                       |         | 71             | 54            | 38             | 30     | 35             | 13          |                | 10                  | 95                     | 8                        |         | 68            | 60             | 55     | 63             | 19            | 7           |                |                |
| 13     | 5                   | UNL                    | 12                       |         | 75          | 61             | 51            | 43             | 32     | 16          |                | 7                   | UNL                    | 25                       |         | 75             | 56            | 39             | 27     | 32             | 16          |                | 10                  | 55                     | 10                       |         | 69            | 61             | 56     | 63             | 15            | 13          |                |                |
| 16     | 3                   | UNL                    | 15                       |         | 75          | 59             | 47            | 37             | 31     | 16          |                | 9                   | UNL                    | 25                       |         | 76             | 56            | 38             | 25     | 34             | 12          |                | 10                  | 45                     | 7                        |         | 66            | 62             | 60     | 81             | 14            | 9           |                |                |
| 19     | 2                   | UNL                    | 15                       |         | 71          | 58             | 47            | 43             | 34     | 9           |                | 9                   | 250                    | 25                       |         | 70             | 53            | 37             | 30     | 33             | 6           |                | 10                  | 45                     | 7                        | RF      | 66            | 62             | 60     | 81             | 14            | 9           |                |                |
| 22     | 0                   | UNL                    | 15                       |         | 63          | 54             | 47            | 56             | 35     | 6           |                | 4                   | UNL                    | 15                       |         | 60             | 51            | 43             | 54     | 31             | 4           |                | 10                  | 55                     | 5                        |         | 64            | 62             | 60     | 87             | 18            | 11          |                |                |
| DAY 03 |                     |                        |                          |         |             |                |               |                |        |             |                |                     |                        |                          |         |                |               |                |        |                |             |                |                     |                        |                          |         |               |                |        |                |               |             |                |                |
| 01     | 10                  | 10                     | 5                        |         | 66          | 64             | 63            | 90             | 17     | 7           |                | 10                  | 80                     | 6                        | H       | 67             | 65            | 64             | 90     | 17             | 8           |                | 0                   | UNL                    | 15                       |         | 50            | 42             | 33     | 52             | 27            | 6           |                |                |
| 04     | 10                  | 5                      | 3                        |         | 68          | 65             | 64            | 87             | 21     | 11          |                | 10                  | 23                     | 6                        | H       | 66             | 64            | 63             | 90     | 32             | 5           |                | 0                   | UNL                    | 15                       |         | 46            | 41             | 35     | 64             | 21            | 6           |                |                |
| 07     | 10                  | 5                      | 1                        | FH      | 70          | 67             | 65            | 84             | 24     | 9           |                | 10                  | 6                      | 3                        | RWFH    | 69             | 66            | 65             | 87     | 31             | 5           |                | 0                   | UNL                    | 15                       |         | 53            | 46             | 39     | 59             | 26            | 8           |                |                |
| 10     | 6                   | 25                     | 4                        | H       | 78          | 70             | 65            | 64             | 35     | 13          |                | 4                   | UNL                    | 10                       |         | 78             | 72            | 69             | 74     | 28             | 12          |                | 2                   | UNL                    | 25                       |         | 64            | 53             | 42     | 45             | 23            | 14          |                |                |
| 13     | 3                   | UNL                    | 8                        |         | 83          | 71             | 64            | 53             | 28     | 9           |                | 5                   | UNL                    | 15                       |         | 81             | 66            | 57             | 44     | 31             | 20          |                | 7                   | 48                     | 20                       |         | 68            | 56             | 46     | 45             | 20            | 20          |                |                |
| 16     | 8                   | UNL                    | 8                        |         | 89          | 71             | 61            | 39             | 25     | 2           |                | 0                   | UNL                    | 20                       |         | 76             | 62            | 52             | 43     | 32             | 21          |                | 10                  | 60                     | 15                       |         | 71            | 58             | 47     | 43             | 23            | 17          |                |                |
| 19     | 10                  | 100                    | 6                        | TRWH    | 83          | 72             | 66            | 57             | 20     | 5           |                | 0                   | UNL                    | 20                       |         | 65             | 51            | 36             | 34     | 30             | 21          |                | 10                  | 35                     | 12                       |         | 69            | 57             | 48     | 47             | 22            | 12          |                |                |
| 22     | 10                  | 20                     | 4                        |         | 70          | 66             | 63            | 79             | 36     | 5           |                | 0                   | UNL                    | 15                       |         | 54             | 44            | 32             | 43     | 32             | 19          |                | 10                  | 44                     | 4                        |         | 55            | 53             | 52     | 90             | 30            | 10          |                |                |
| DAY 04 |                     |                        |                          |         |             |                |               |                |        |             |                |                     |                        |                          |         |                |               |                |        |                |             |                |                     |                        |                          |         |               |                |        |                |               |             |                |                |
| 01     | 0                   | UNL                    | 15                       |         | 66          | 60             | 56            | 70             | 32     | 8           |                | 0                   | UNL                    | 15                       |         | 55             | 51            | 47             | 75     | 34             | 10          |                | 3                   | UNL                    | 15                       |         | 55            | 50             | 46     | 72             | 32            | 5           |                |                |
| 04     | 0                   | UNL                    | 15                       |         | 60          | 56             | 53            | 78             | 27     | 9           |                | 0                   | UNL                    | 15                       |         | 57             | 51            | 45             | 64     | 34             | 8           |                | 8                   | UNL                    | 15                       |         | 52            | 48             | 45     | 77             | 30            | 4           |                |                |
| 07     | 4                   | UNL                    | 10                       |         | 65          | 59             | 54            | 68             | 32     | 9           |                | 1                   | UNL                    | 20                       |         | 62             | 53            | 44             | 52     | 34             | 13          |                | 10                  | 90                     | 8                        |         | 60            | 55             | 51     | 72             | 00            | 0           |                |                |
| 10     | 4                   | UNL                    | 10                       |         | 71          | 61             | 54            | 64             | 34     | 14          |                | 8                   | UNL                    | 25                       |         | 71             | 54            | 38             | 30     | 35             | 13          |                | 10                  | 95                     | 8                        |         | 68            | 60             | 55     | 63             | 19            | 7           |                |                |
| 13     | 5                   | UNL                    | 12                       |         | 75          | 61             | 51            | 43             | 32     | 16          |                | 7                   | UNL                    | 25                       |         | 75             | 56            | 39             | 27     | 32             | 16          |                | 10                  | 55                     | 10                       |         | 69            | 61             | 56     | 63             | 15            | 13          |                |                |
| 16     | 3                   | UNL                    | 15                       |         | 75          | 59             | 47            | 37             | 31     | 16          |                | 9                   | UNL                    | 25                       |         | 76             | 56            | 38             | 25     | 34             | 12          |                | 10                  | 45                     | 7                        |         | 66            | 62             | 60     | 81             | 14            | 9           |                |                |
| 19     | 2                   | UNL                    | 15                       |         | 71          | 58             | 47            | 43             | 34     | 9           |                | 9                   | 250                    | 25                       |         | 70             | 53            | 37             | 30     | 33             | 6           |                | 10                  | 45                     | 7                        | RF      | 66            | 62             | 60     | 81             | 14            | 9           |                |                |
| 22     | 0                   | UNL                    | 15                       |         | 63          | 54             | 47            | 56             | 35     | 6           |                | 4                   | UNL                    | 15                       |         | 60             | 51            | 43             | 54     | 31             | 4           |                | 10                  | 55                     | 5                        |         | 64            | 62             | 60     | 87             | 18            | 11          |                |                |
| DAY 05 |                     |                        |                          |         |             |                |               |                |        |             |                |                     |                        |                          |         |                |               |                |        |                |             |                |                     |                        |                          |         |               |                |        |                |               |             |                |                |
| 01     | 10                  | 10                     | 5                        |         | 66          | 64             | 63            | 90             | 17     | 7           |                | 10                  | 80                     | 6                        | H       | 67             | 65            | 64             | 90     | 17             | 8           |                | 0                   | UNL                    | 15                       |         | 50            | 42             | 33     | 52             | 27            | 6           |                |                |
| 04     | 10                  | 5                      | 3                        |         | 68          | 65             | 64            | 87             | 21     | 11          |                | 10                  | 23                     | 6                        | H       | 66             | 64            | 63             | 90     | 32             | 5           |                | 0                   | UNL                    | 15                       |         | 46            | 41             | 35     | 64             | 21            | 6           |                |                |
| 07     | 10                  | 5                      | 1                        | FH      | 70          | 67             | 65            | 84             | 24     | 9           |                | 10                  | 6                      | 3                        | RWFH    | 69             | 66            | 65             | 87     | 31             | 5           |                | 0                   | UNL                    | 15                       |         | 53            | 46             | 39     | 59             | 26            | 8           |                |                |
| 10     | 6                   | 25                     | 4                        | H       | 78          | 70             | 65            | 64             | 35     | 13          |                | 4                   | UNL                    | 10                       |         | 78             | 72            | 69             | 74     | 28             | 12          |                | 2                   | UNL                    | 25                       |         | 64            | 53             | 42     | 45             | 23            | 14          |                |                |
| 13     | 3                   | UNL                    | 8                        |         | 83          | 71             | 64            | 53             | 28     | 9           |                | 5                   | UNL                    | 15                       |         | 81             | 66            | 57             | 44     | 31             | 20          |                | 7                   | 48                     | 20                       |         | 68            | 56             | 46     | 45             | 20            | 20          |                |                |
| 16     | 8                   | UNL                    | 8                        |         | 89          | 71             | 61            | 39             | 25     | 2           |                | 0                   | UNL                    | 20                       |         | 76             | 62            | 52             | 43     | 32             | 21          |                | 10                  | 60                     | 15                       |         | 71            | 58             | 47     | 43             | 23            | 17          |                |                |
| 19     | 10                  | 100                    | 6                        | TRWH    | 83          | 72             | 66            | 57             | 20     | 5           |                | 0                   | UNL                    | 20                       |         | 65             | 51            | 36             | 34     | 30             | 21          |                | 10                  | 35                     | 12                       |         | 69            | 57             | 48     | 47             | 22            | 12          |                |                |
| 22     | 10                  | 20                     | 4                        |         | 70          | 66             | 63            | 79             | 36     | 5           |                | 0                   | UNL                    | 15                       |         | 54             | 44            | 32             | 43     | 32             | 19          |                | 10                  | 44                     | 4                        |         | 55            | 53             | 52     | 90             | 30            | 10          |                |                |
| DAY 06 |                     |                        |                          |         |             |                |               |                |        |             |                |                     |                        |                          |         |                |               |                |        |                |             |                |                     |                        |                          |         |               |                |        |                |               |             |                |                |
| 01     | 10                  | 85                     | 7                        |         | 55          | 53             | 52            | 90             | 20     | 4           |                | 0                   | UNL                    | 15                       |         | 48             | 46            | 43             | 83     | 35             | 5           |                | 0                   | UNL                    | 10                       |         | 50            | 47             | 45     | 83             | 32            | 5           |                |                |
| 04     | 10                  | 90                     | 7                        |         | 55          | 53             | 52            | 90             | 28     | 5           |                | 1                   | UNL                    | 15                       |         | 44             | 43            | 41             | 89     | 32             | 7           |                | 1                   | UNL                    | 10                       |         | 47            | 45             | 43     | 86             | 31            | 5           |                |                |
| 07     | 0                   | UNL                    | 6                        |         | 56          | 53             | 51            | 83             | 25     | 4           |                | 0                   | UNL                    | 15                       |         | 55             | 48            | 41             | 59     | 34             | 6           |                | 0                   | UNL                    | 7                        |         | 56            | 52             | 48     | 75             | 30            | 4           |                |                |
| 10     | 10                  | 44                     | 8                        | R       | 54          | 51             | 48            | 80             | 23     | 7           |                | 0                   | UNL                    | 20                       |         | 62             | 51            | 39             | 43     | 01             | 4           |                | 2                   | UNL                    | 20                       |         | 67            | 53             | 39     | 36             | 01            | 9           |                |                |
| 13     | 5                   | UNL                    | 15                       |         | 64          | 57             | 52            | 65             | 22     | 13          |                | 7                   | UNL                    | 12                       |         | 67             | 53            | 40             | 37     | 26             | 8           |                | 3                   | UNL                    | 20                       |         | 70            | 55             | 41     | 35             | 35            | 8           |                |                |
| 16     | 8                   | 34                     | 15                       |         | 64          | 56             | 49            | 58             | 33     | 4           |                | 1                   | UNL                    | 20                       |         | 69             | 53            | 38             | 32     | 32             | 12          |                | 0                   | UNL                    | 20                       |         | 73            | 56             | 42     | 33             | 34            | 5           |                |                |
| 19     | 0                   | UNL                    | 15                       |         | 64          | 53             | 42            | 45             | 31     | 8           |                | 1                   | UNL                    | 20                       |         | 63             | 51            | 40             | 43     | 36             | 6           |                | 0                   | UNL                    | 20                       |         | 68            | 54             | 44     | 42             | 30            | 6           |                |                |
| 22     | 0                   | UNL                    | 15                       |         | 57          | 49             | 41            | 55             | 02     | 4           |                | 0                   | UNL                    | 15                       |         | 55             | 49            | 43             | 64     | 31             | 5           |                | 0                   | UNL                    | 15                       |         | 61            | 53             | 46     | 58             | 26            | 7           |                |                |
| DAY 07 |                     |                        |                          |         |             |                |               |                |        |             |                |                     |                        |                          |         |                |               |                |        |                |             |                |                     |                        |                          |         |               |                |        |                |               |             |                |                |
| 01     | 0                   | UNL                    | 8                        |         | 56          | 51             | 47            | 72             | 26     | 4           |                | 6                   | 250                    | 10                       |         | 57             | 54            | 52             | 83     | 34             | 3           |                | 7                   | 250                    | 7                        |         | 68            | 63             | 60     | 76             | 26            | 8           |                |                |
| 04     | 0                   | UNL                    | 8                        |         | 61          | 55             | 46            | 86             | 31     | 4           |                | 2                   | UNL                    | 7                        |         | 54             | 52            | 50             | 86     | 34             | 4           |                | 10                  | 100                    | 5                        |         | 65            | 62             | 60     | 84             | 31            | 7           |                |                |
| 07     | 0                   | UNL                    | 15                       |         | 73          | 59             | 51            | 70             | 32     | 6           |                | 0                   | UNL                    | 7                        |         | 59             | 56            | 53             | 81     | 36             | 5           |                | 10                  | 70                     | 4                        |         | 69            | 63             | 60     | 73             | 28            | 8           |                |                |
| 10     | 0                   | UNL                    | 15                       |         | 75          | 61             | 58            | 44             | 33     | 12          |                | 3                   | UNL                    | 12                       |         | 71             | 61            | 53             | 53     | 31             | 4           |                | 8                   | UNL                    | 6                        |         | 84            | 71             | 65     | 53             | 25            | 10          |                |                |
| 13     | 0                   | UNL                    | 15                       |         | 77          | 60             | 47            | 35             | 18     | 4           |                | 3                   | UNL                    | 12                       |         | 83             | 64            | 52             | 34     | 30             | 9           |                | 10                  | 50                     | 4                        | TRWH    | 83            | 72             | 67     | 59             | 30            | 29          |                |                |