

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

February 2025

Station: Westford  
Latitude: 44° 37' 38" N      Longitude: 73° 02' 30" W      Elevation (Ground): 850 feet      Time Zone: Eastern

| Date            | Temperature |         |                 |        |           | Humidity | Deg. Days      |                   | Precip Ty<br>1 fog<br>2 hvy fog<br>3 thunder<br>4 ice plt<br>5 hail<br>6 glaze<br>7 duststm<br>8 smk, hz<br>9 blw snw<br>9 | Snow Cvr   | Precip                         |                  | Pressure         |                   |         | Wind                                                          |      |      |      |       |     | Solar Radiation |          |     |
|-----------------|-------------|---------|-----------------|--------|-----------|----------|----------------|-------------------|----------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------|------------------|------------------|-------------------|---------|---------------------------------------------------------------|------|------|------|-------|-----|-----------------|----------|-----|
|                 | Maximum     | Minimum | Average         | Mean   | Dew Point |          | Mean           | Heating Base 65°F |                                                                                                                            |            | Cooling Base 65°F              | Water Equivalent | Ice Pellets Snow | Adj. to Sea Level |         |                                                               | Avg  | Res  | Res  | Peak  |     |                 | 2 Minute |     |
|                 |             |         |                 |        |           |          |                |                   |                                                                                                                            |            |                                |                  |                  | Maximum           | Minimum | Mean                                                          |      |      |      | Speed | Dir |                 | Speed    | Dir |
| 1               | 2           | 3       | 4A              | 4B     | 5         | 6        | 7              | 8                 |                                                                                                                            |            | 11                             | 12               | 13               | 14                | 15      | 16                                                            | 17   | 18   | 19   | 20    | 21  | 22              | 23       |     |
| 1               | 19.4        | -10.1   | 4.6             | 4.6    | -2        | 73       | 60             | 0                 | .....                                                                                                                      | 7          | 0.02                           | 0.3              | 30.60            | 29.74             | 30.214  | 1.5                                                           | 1.5  | 321  | 17   | N     | 8   | 274             | 70       |     |
| 2               | 19.1        | -12.2   | 3.5*            | 5.0    | -3        | 71       | 61             | 0                 | .....                                                                                                                      | 7          | 0.06                           | 0.9              | 30.63            | 30.15             | 30.451  | 0.8                                                           | 0.7  | 166  | 13   | SE    | 6   | 176             | 64       |     |
| 3               | 34.7        | 17.3    | 26.0            | 28.0   | 25        | 88       | 39             | 0                 | .....                                                                                                                      | 10         | 0.43                           | 2.4              | 30.15            | 29.73             | 29.926  | 4.3                                                           | 4.0  | 184  | 24   | SSE   | 14  | 178             | 34       |     |
| 4               | 29.9        | 5.8     | 17.8            | 17.4   | 14        | 86       | 47             | 0                 | .....                                                                                                                      | 11         | 0.10                           | 1.5              | 30.27            | 29.75             | 29.990  | 2.4                                                           | 2.4  | 280  | 21   | WNW   | 9   | 278             | 6        |     |
| 5               | 12.0        | -1.9    | 5.1             | 3.4    | -2        | 77       | 60             | 0                 | .....                                                                                                                      | 11         | 0.00                           | 0.0              | 30.46            | 30.27             | 30.378  | 0.9                                                           | 0.8  | 261  | 11   | W     | 6   | 283             | 16       |     |
| 6               | 31.3        | -5.0    | 13.1            | 13.6   | 11        | 88       | 52             | 0                 | .....                                                                                                                      | 13         | 0.32                           | 2.0              | 30.38            | 29.56             | 29.917  | 2.4                                                           | 2.3  | 176  | 20   | S     | 10  | 183             | 2        |     |
| 7               | 32.4        | 18.4    | 25.4            | 24.1   | 17        | 75       | 40             | 0                 | .....                                                                                                                      | 13         | 0.04                           | 0.4              | 30.11            | 29.54             | 29.821  | 6.1                                                           | 5.9  | 242  | 34   | W     | 18  | 251             | 11       |     |
| 8               | 26.5        | 13.9    | 20.2            | 19.9   | 12        | 71       | 44             | 0                 | .....                                                                                                                      | 12         | T                              | T                | 30.23            | 29.98             | 30.143  | 1.2                                                           | 1.1  | 258  | 13   | WSW   | 9   | 252             | 70       |     |
| 9               | 25.3        | 12.5    | 18.9            | 19.8   | 16        | 85       | 46             | 0                 | .....                                                                                                                      | 15         | 0.29                           | 3.2              | 30.16            | 29.90             | 30.020  | 1.1                                                           | 0.5  | 225  | 14   | W     | 8   | 251             | 51       |     |
| 10              | 21.7        | 4.6     | 13.2            | 15.3   | 10        | 79       | 51             | 0                 | .....                                                                                                                      | 16         | 0.08                           | 3.3              | 30.35            | 30.16             | 30.283  | 1.2                                                           | 0.9  | 265  | 11   | W     | 8   | 257             | 46       |     |
| 11              | 27.3        | 2.9     | 15.1            | 17.1   | 12        | 80       | 50             | 0                 | .....                                                                                                                      | 15         | 0.03                           | 0.9              | 30.30            | 30.17             | 30.258  | 3.0                                                           | 2.5  | 188  | 20   | S     | 12  | 178             | 55       |     |
| 12              | 19.8        | 1.0     | 10.4            | 10.8   | 4         | 76       | 54             | 0                 | .....                                                                                                                      | 14         | T                              | 0.2              | 30.42            | 30.20             | 30.334  | 0.4                                                           | 0.3  | 281  | 11   | W     | 7   | 274             | 129      |     |
| 13              | 33.9        | 11.7    | 22.8            | 27.8   | 24        | 84       | 42             | 0                 | ....4....                                                                                                                  | 15         | 0.36                           | 1.4              | 30.20            | 29.58             | 29.828  | 6.4                                                           | 4.9  | 200  | 32   | W     | 17  | 259             | 12       |     |
| 14              | 21.7        | 7.0     | 14.4            | 14.3   | 5         | 67       | 50             | 0                 | .....                                                                                                                      | 15         | T                              | T                | 30.54            | 30.01             | 30.361  | 3.5                                                           | 3.5  | 272  | 25   | W     | 14  | 257             | 77       |     |
| 15              | 23.3        | 2.5     | 12.9            | 14.9   | 7         | 72       | 52             | 0                 | .....                                                                                                                      | 16         | 0.13                           | 2.1              | 30.54            | 30.09             | 30.349  | 0.4                                                           | 0.2  | 179  | 9    | S     | 5   | 186             | 59       |     |
| 16              | 25.8        | 11.7    | 18.7            | 20.3   | 18        | 90       | 46             | 0                 | ...4....                                                                                                                   | 22         | 0.92                           | 8.2              | 30.09            | 29.01             | 29.487  | 1.4                                                           | 0.7  | 265  | 24   | W     | 11  | 258             | 7        |     |
| 17              | 16.9        | 6.0     | 11.4            | 12.1   | 4         | 70       | 53             | 0                 | .....                                                                                                                      | 24         | 0.16                           | 2.2              | 29.76            | 29.24             | 29.526  | 9.4                                                           | 9.3  | 241  | 31   | WSW   | 19  | 245             | 77       |     |
| 18              | 12.4        | 0.5     | 6.4             | 6.5    | -2        | 67       | 58             | 0                 | .....                                                                                                                      | 22         | T                              | 0.1              | 30.19            | 29.75             | 29.974  | 5.1                                                           | 4.9  | 260  | 31   | SW    | 17  | 258             | 129      |     |
| 19              | 18.8        | -3.9    | 7.4             | 5.3    | -3        | 70       | 57             | 0                 | .....                                                                                                                      | 21         | T                              | T                | 30.29            | 30.18             | 30.232  | 0.9                                                           | 0.9  | 253  | 10   | WSW   | 7   | 254             | 146      |     |
| 20              | 21.4        | -2.3    | 9.5             | 9.9    | 3         | 75       | 55             | 0                 | .....                                                                                                                      | 21         | T                              | 0.3              | 30.18            | 29.94             | 30.025  | 1.2                                                           | 0.9  | 306  | 14   | W     | 9   | 269             | 142      |     |
| 21              | 19.0        | 9.1     | 14.1            | 12.9   | 7         | 78       | 51             | 0                 | .....                                                                                                                      | 21         | 0.05                           | 5.0              | 30.31            | 29.98             | 30.164  | 3.7                                                           | 3.6  | 270  | 19   | W     | 11  | 268             | 79       |     |
| 22              | 29.0        | 4.7     | 16.8            | 18.8   | 10        | 70       | 48             | 0                 | .....                                                                                                                      | 19         | 0.00                           | 0.0              | 30.32            | 29.98             | 30.184  | 2.7                                                           | 2.6  | 182  | 14   | SSE   | 8   | 164             | 142      |     |
| 23              | 28.6        | 23.2    | 25.9            | 26.0   | 21        | 81       | 39             | 0                 | .....                                                                                                                      | 19         | 0.01                           | 1.0              | 30.06            | 29.93             | 29.995  | 2.1                                                           | 2.0  | 223  | 19   | SSE   | 8   | 229             | 34       |     |
| 24              | 40.3        | 22.9    | 31.6            | 33.0   | 25        | 74       | 33             | 0                 | .....                                                                                                                      | 16         | T                              | T                | 30.05            | 29.63             | 29.848  | 5.8                                                           | 5.7  | 176  | 33   | SW    | 17  | 173             | 70       |     |
| 25              | 45.2*       | 34.8    | 40.0*           | 39.0   | 32        | 76       | 25             | 0                 | .....                                                                                                                      | 14         | 0.09                           | 0.0              | 29.73            | 29.62             | 29.661  | 4.0                                                           | 3.9  | 186  | 21   | SSE   | 11  | 177             | 60       |     |
| 26              | 37.6        | 21.2    | 29.4            | 31.8   | 27        | 84       | 35             | 0                 | .....                                                                                                                      | 11         | 0.12                           | T                | 29.96            | 29.67             | 29.812  | 1.6                                                           | 1.6  | 284  | 17   | WSW   | 11  | 281             | 111      |     |
| 27              | 37.0        | 19.0    | 28.0            | 30.7   | 28        | 88       | 37             | 0                 | .....                                                                                                                      | 11         | 0.18                           | 0.7              | 29.95            | 29.41             | 29.625  | 3.1                                                           | 2.7  | 192  | 24   | S     | 12  | 230             | 20       |     |
| 28              | 35.7        | 18.1    | 26.9            | 24.4   | 15        | 69       | 38             | 0                 | .....                                                                                                                      | 11         | T                              | T                | 29.71            | 29.42             | 29.599  | 3.5                                                           | 2.8  | 258  | 25   | WSW   | 14  | 261             | 156      |     |
|                 | Sum         | Sum     | -----           | -----  | ---       | ----     | Ttl            | Ttl               | Number of Days                                                                                                             | Total      | Total                          | For the month:   |                  |                   |         |                                                               |      |      |      |       |     | ---             |          |     |
|                 | 746         | 233     |                 |        |           |          | 1323           | 0                 |                                                                                                                            | 3.39       | 36.1                           | 30.63            | 29.01            | 30.014            | 2.9     | 2.0                                                           | 228  | 34   | W    | 19    | 245 |                 |          |     |
|                 | Avg         | Avg     | Avg             | Mean   | Avg       | Avg      | ----           | ----              | Precip                                                                                                                     | Season Ttl |                                | Date             | Date             | -----             | ----    | ----                                                          | ---  | Date | Date | Avg   |     |                 |          |     |
|                 | 26.6        | 8.3     | 17.5            | 18.1   | 12        | 77.2     | ----           | ----              | ≥.01 inch                                                                                                                  | 18         | 4.78                           | 90.7             | 2                | 16                | -----   | ----                                                          | ---- | ---  | 7    | 17    | 67  |                 |          |     |
| Number of Days  |             |         |                 |        |           |          | Season to Date |                   | Snow, Ice ≥1.0 inch                                                                                                        | 11         | Greatest in 24 Hours and Dates |                  |                  |                   |         | Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date |      |      |      |       |     |                 |          |     |
| Max Temperature |             |         | Min Temperature |        |           |          | 5363           | 0                 | Thunder                                                                                                                    | 0          | Precipitation                  |                  | Snow, Ice Plts   |                   |         |                                                               |      |      |      |       |     |                 |          |     |
| ≥ 90°F          |             | ≤ 32°F  |                 | ≤ 32°F |           | ≤ 0°F    |                | ----              | ----                                                                                                                       | Heavy Fog  | 0                              | 0.00             | -                | 8.2               | 16      | 24                                                            |      |      | 17   |       |     |                 |          |     |
| 0               |             | 21      |                 | 27     |           | 6        |                | ----              | ----                                                                                                                       | Clear      | 5                              | Partly Cloudy    |                  | 10                | Cloudy  |                                                               | 13   |      |      |       |     |                 |          |     |

NOTES:  
Units: Temperature=°F, Wind=mph, Pressure=Inches Hg, Precipitation=inches.  
Column 4A: value is (MAX+MIN) ÷ 2.  
Data in columns 4B, 5, 6, 15, 16, 23 are updated continuously, there by achieving a "true" mean.  
Column 5: Dew point is calculated from temperature and humidity and is continuously averaged for 24 hours.  
Data in columns 9, 10, 12 are entered manually by the station observer.  
Columns 17-18: Resultant wind is calculated by the vector sum of continuous wind observations.

OBSERVATIONS AT 3-HOUR INTERVALS  
February 2025: Westford

| Hour   | Sunshine | Pressure | Rainfall<br>rate | Temperature | Dew Point | Humidity | Wind      |       |      | Sunshine | Pressure | Rainfall<br>rate | Temperature | Dew Point | Humidity | Wind      |       |      | Sunshine | Pressure | Rainfall<br>rate | Temperature | Dew Point | Humidity | Wind      |       |      |  |  |
|--------|----------|----------|------------------|-------------|-----------|----------|-----------|-------|------|----------|----------|------------------|-------------|-----------|----------|-----------|-------|------|----------|----------|------------------|-------------|-----------|----------|-----------|-------|------|--|--|
|        |          |          |                  |             |           |          | Direction | Speed | Gust |          |          |                  |             |           |          | Direction | Speed | Gust |          |          |                  |             |           |          | Direction | Speed | Gust |  |  |
| FEB 01 |          |          |                  |             |           |          |           |       |      | FEB 02   |          |                  |             |           |          |           |       |      |          | FEB 03   |                  |             |           |          |           |       |      |  |  |
| 00     | 0        | 29.74    | 0.00             | 19          | 15        | 84       | 27        | 2     | 8    | 0        | 30.59    | 0.00             | -10         | -15       | 80       | 04        | 0     | 0    | 0        | 30.15    | 0.00             | 17          | 15        | 89       | 16        | 3     | 7    |  |  |
| 03     | 0        | 29.85    | 0.00             | 13          | 8         | 78       | 34        | 0     | 5    | 0        | 30.61    | 0.00             | -10         | -14       | 82       | 04        | 0     | 0    | 0        | 30.10    | 0.00             | 22          | 19        | 88       | 18        | 4     | 12   |  |  |
| 06     | 0        | 29.96    | 0.00             | 7           | 3         | 81       | 33        | 1     | 9    | 0        | 30.63    | 0.00             | -10         | -14       | 82       | 04        | 0     | 0    | 0        | 30.09    | 0.00             | 23          | 21        | 89       | 18        | 3     | 10   |  |  |
| 09     | 58       | 30.12    | 0.00             | 5           | -0        | 78       | 35        | 1     | 8    | 104      | 30.61    | 0.00             | -4          | -8        | 82       | 15        | 1     | 4    | 26       | 30.07    | 0.00             | 25          | 22        | 89       | 18        | 2     | 9    |  |  |
| 12     | 207      | 30.24    | 0.00             | 7           | -2        | 65       | 33        | 3     | 11   | 285      | 30.49    | 0.00             | 10          | -2        | 58       | 02        | 0     | 2    | 367      | 29.91    | 0.00             | 34          | 28        | 79       | 16        | 11    | 23   |  |  |
| 15     | 56       | 30.33    | 0.00             | 7           | -3        | 64       | 32        | 2     | 6    | 90       | 30.37    | 0.00             | 19          | 3         | 51       | 19        | 0     | 3    | 33       | 29.82    | 0.00             | 34          | 29        | 82       | 17        | 10    | 19   |  |  |
| 18     | 0        | 30.48    | 0.00             | -2          | -9        | 69       | 33        | 1     | 6    | 0        | 30.28    | 0.00             | 18          | 3         | 51       | 13        | 2     | 11   | 0        | 29.76    | 0.00             | 32          | 30        | 92       | 21        | 3     | 10   |  |  |
| 21     | 0        | 30.57    | 0.00             | -3          | -10       | 72       | 35        | 0     | 0    | 0        | 30.23    | 0.00             | 15          | 10        | 83       | 17        | 0     | 5    | 0        | 29.76    | 0.00             | 32          | 30        | 93       | 25        | 3     | 8    |  |  |
| FEB 04 |          |          |                  |             |           |          |           |       |      | FEB 05   |          |                  |             |           |          |           |       |      |          | FEB 06   |                  |             |           |          |           |       |      |  |  |
| 00     | 0        | 29.75    | 0.00             | 30          | 28        | 93       | 33        | 3     | 8    | 0        | 30.27    | 0.00             | 6           | 2         | 82       | 26        | 0     | 3    | 0        | 30.38    | 0.00             | -0          | -4        | 86       | 18        | 0     | 0    |  |  |
| 03     | 0        | 29.78    | 0.00             | 24          | 22        | 90       | 33        | 0     | 3    | 0        | 30.31    | 0.00             | 4           | 0         | 82       | 26        | 4     | 8    | 0        | 30.29    | 0.00             | -2          | -5        | 87       | 18        | 0     | 0    |  |  |
| 06     | 0        | 29.83    | 0.00             | 19          | 17        | 89       | 29        | 0     | 10   | 0        | 30.35    | 0.00             | -1          | -5        | 83       | 28        | 0     | 7    | 0        | 30.19    | 0.00             | -5          | -8        | 85       | 18        | 0     | 0    |  |  |
| 09     | 7        | 29.89    | 0.00             | 19          | 16        | 88       | 29        | 2     | 8    | 5        | 30.44    | 0.00             | 0           | -5        | 80       | 30        | 2     | 8    | 0        | 30.07    | 0.00             | 6           | 3         | 85       | 19        | 0     | 0    |  |  |
| 12     | 14       | 29.95    | 0.00             | 19          | 16        | 86       | 29        | 6     | 13   | 65       | 30.43    | 0.00             | 7           | -2        | 66       | 25        | 0     | 3    | 7        | 29.88    | 0.00             | 18          | 16        | 89       | 16        | 3     | 10   |  |  |
| 15     | 14       | 30.04    | 0.00             | 17          | 12        | 79       | 28        | 5     | 14   | 62       | 30.39    | 0.00             | 12          | 2         | 66       | 25        | 2     | 7    | 5        | 29.72    | 0.00             | 22          | 19        | 88       | 18        | 2     | 11   |  |  |
| 18     | 0        | 30.17    | 0.00             | 13          | 8         | 79       | 29        | 2     | 12   | 0        | 30.39    | 0.00             | 1           | -4        | 79       | 18        | 0     | 0    | 0        | 29.64    | 0.00             | 25          | 23        | 91       | 18        | 3     | 11   |  |  |
| 21     | 0        | 30.24    | 0.00             | 9           | 5         | 83       | 26        | 2     | 8    | 0        | 30.39    | 0.00             | -2          | -5        | 84       | 18        | 0     | 0    | 0        | 29.60    | 0.00             | 30          | 28        | 91       | 21        | 3     | 16   |  |  |
| FEB 07 |          |          |                  |             |           |          |           |       |      | FEB 08   |          |                  |             |           |          |           |       |      |          | FEB 09   |                  |             |           |          |           |       |      |  |  |
| 00     | 0        | 29.58    | 0.00             | 31          | 27        | 86       | 21        | 5     | 17   | 0        | 30.11    | 0.00             | 19          | 12        | 76       | 29        | 2     | 9    | 0        | 29.98    | 0.00             | 18          | 15        | 88       | 05        | 0     | 0    |  |  |
| 03     | 0        | 29.56    | 0.00             | 32          | 24        | 72       | 23        | 7     | 18   | 0        | 30.15    | 0.00             | 18          | 9         | 70       | 24        | 3     | 7    | 0        | 29.90    | 0.00             | 18          | 15        | 89       | 03        | 1     | 4    |  |  |
| 06     | 0        | 29.59    | 0.00             | 27          | 24        | 90       | 20        | 5     | 18   | 0        | 30.16    | 0.00             | 17          | 12        | 78       | 23        | 0     | 3    | 0        | 29.92    | 0.00             | 18          | 16        | 90       | 35        | 1     | 4    |  |  |
| 09     | 18       | 29.76    | 0.00             | 22          | 14        | 73       | 22        | 6     | 14   | 42       | 30.21    | 0.00             | 19          | 15        | 84       | 24        | 0     | 4    | 56       | 29.97    | 0.00             | 19          | 16        | 87       | 01        | 0     | 2    |  |  |
| 12     | 21       | 29.84    | 0.00             | 23          | 13        | 66       | 26        | 4     | 12   | 225      | 30.20    | 0.00             | 23          | 13        | 65       | 26        | 6     | 9    | 121      | 30.00    | 0.00             | 24          | 19        | 80       | 26        | 1     | 4    |  |  |
| 15     | 18       | 29.91    | 0.00             | 23          | 14        | 68       | 24        | 9     | 19   | 174      | 30.17    | 0.00             | 25          | 11        | 54       | 25        | 2     | 7    | 98       | 30.06    | 0.00             | 24          | 17        | 73       | 27        | 0     | 4    |  |  |
| 18     | 0        | 30.01    | 0.00             | 22          | 14        | 69       | 25        | 5     | 13   | 0        | 30.11    | 0.00             | 20          | 9         | 63       | 03        | 0     | 2    | 0        | 30.12    | 0.00             | 17          | 13        | 84       | 28        | 0     | 0    |  |  |
| 21     | 0        | 30.07    | 0.00             | 19          | 12        | 75       | 25        | 3     | 7    | 0        | 30.07    | 0.00             | 20          | 11        | 69       | 03        | 0     | 0    | 0        | 30.13    | 0.00             | 19          | 17        | 91       | 17        | 2     | 7    |  |  |
| FEB 10 |          |          |                  |             |           |          |           |       |      | FEB 11   |          |                  |             |           |          |           |       |      |          | FEB 12   |                  |             |           |          |           |       |      |  |  |
| 00     | 0        | 30.16    | 0.00             | 21          | 18        | 89       | 17        | 5     | 11   | 0        | 30.29    | 0.00             | 6           | 2         | 84       | 17        | 0     | 4    | 0        | 30.29    | 0.00             | 14          | 10        | 86       | 34        | 0     | 0    |  |  |
| 03     | 0        | 30.20    | 0.00             | 20          | 17        | 88       | 27        | 1     | 6    | 0        | 30.29    | 0.00             | 12          | 8         | 83       | 18        | 2     | 8    | 0        | 30.31    | 0.00             | 12          | 9         | 88       | 34        | 0     | 0    |  |  |
| 06     | 0        | 30.24    | 0.00             | 17          | 14        | 88       | 26        | 0     | 3    | 0        | 30.29    | 0.00             | 14          | 10        | 87       | 18        | 3     | 8    | 0        | 30.36    | 0.00             | 4           | 1         | 86       | 34        | 0     | 0    |  |  |
| 09     | 39       | 30.30    | 0.00             | 16          | 13        | 88       | 29        | 1     | 8    | 90       | 30.28    | 0.00             | 18          | 12        | 79       | 16        | 7     | 12   | 183      | 30.37    | 0.00             | 6           | 1         | 81       | 34        | 0     | 0    |  |  |
| 12     | 137      | 30.31    | 0.00             | 18          | 9         | 68       | 27        | 1     | 4    | 137      | 30.22    | 0.00             | 26          | 15        | 62       | 19        | 5     | 14   | 596      | 30.38    | 0.00             | 16          | 5         | 62       | 30        | 1     | 5    |  |  |
| 15     | 121      | 30.33    | 0.00             | 17          | 6         | 62       | 27        | 1     | 9    | 23       | 30.19    | 0.00             | 25          | 19        | 78       | 26        | 4     | 12   | 188      | 30.36    | 0.00             | 17          | 5         | 59       | 26        | 3     | 6    |  |  |
| 18     | 0        | 30.33    | 0.00             | 13          | 5         | 72       | 04        | 2     | 5    | 0        | 30.25    | 0.00             | 19          | 13        | 76       | 31        | 1     | 8    | 0        | 30.35    | 0.00             | 10          | 2         | 71       | 26        | 0     | 0    |  |  |
| 21     | 0        | 30.33    | 0.00             | 10          | 4         | 78       | 16        | 0     | 2    | 0        | 30.28    | 0.00             | 16          | 12        | 85       | 34        | 1     | 4    | 0        | 30.30    | 0.00             | 8           | 3         | 78       | 26        | 0     | 0    |  |  |
| FEB 13 |          |          |                  |             |           |          |           |       |      | FEB 14   |          |                  |             |           |          |           |       |      |          | FEB 15   |                  |             |           |          |           |       |      |  |  |
| 00     | 0        | 30.20    | 0.00             | 12          | 8         | 85       | 19        | 0     | 0    | 0        | 30.01    | 0.00             | 19          | 14        | 78       | 26        | 12    | 20   | 0        | 30.51    | 0.00             | 7           | 1         | 74       | 29        | 0     | 0    |  |  |
| 03     | 0        | 30.03    | 0.00             | 25          | 20        | 79       | 15        | 9     | 17   | 0        | 30.12    | 0.00             | 16          | 9         | 75       | 24        | 7     | 13   | 0        | 30.52    | 0.00             | 9           | 2         | 71       | 29        | 0     | 1    |  |  |
| 06     | 0        | 29.89    | 0.00             | 27          | 22        | 79       | 15        | 9     | 20   | 0        | 30.27    | 0.00             | 10          | 4         | 75       | 21        | 1     | 10   | 0        | 30.50    | 0.00             | 4           | -2        | 77       | 29        | 0     | 0    |  |  |
| 10     | 39       | 29.79    | 0.00             | 30          | 24        | 79       | 17        | 6     | 18   | 176      | 30.37    | 0.00             | 13          | 5         | 69       | 24        | 7     | 17   | 239      | 30.45    | 0.00             | 10          | 3         | 73       | 29        | 0     | 0    |  |  |
| 12     | 30       | 29.67    | 0.00             | 31          | 28        | 91       | 19        | 3     | 10   | 123      | 30.39    | 0.00             | 17          | 8         | 67       | 24        | 1     | 6    | 188      | 30.37    | 0.00             | 21          | 7         | 54       | 19        | 4     | 8    |  |  |
| 15     | 33       | 29.58    | 0.00             | 33          | 31        | 92       | 17        | 7     | 18   | 332      | 30.42    | 0.00             | 20          | 8         | 58       | 29        | 4     | 12   | 74       | 30.26    | 0.00             | 22          | 7         | 51       | 04        | 1     | 3    |  |  |
| 18     | 0        | 29.71    | 0.00             | 33          | 29        | 88       | 22        | 9     | 18   | 0        | 30.52    | 0.00             | 14          | 1         | 56       | 27        | 1     | 7    | 0        | 30.24    | 0.00             | 19          | 15        | 84       | 11        | 0     | 2    |  |  |
| 21     | 0        | 29.90    | 0.00             | 25          | 20        | 80       | 24        | 13    | 24   | 0        | 30.51    | 0.00             | 11          | 1         | 64       | 29        | 0     | 8    | 0        | 30.14    | 0.00             | 18          | 15        | 89       | 05        | 0     | 2    |  |  |
| FEB 16 |          |          |                  |             |           |          |           |       |      | FEB 17   |          |                  |             |           |          |           |       |      |          | FEB 18   |                  |             |           |          |           |       |      |  |  |
| 00     | 0        | 30.09    | 0.00             | 18          | 15        | 89       | 01        | 0     | 0    | 0        | 29.24    | 0.00             | 12          | 9         | 88       | 25        | 6     | 15   | 0        | 29.76    | 0.00             | 11          | -0        | 60       | 24        | 10    | 21   |  |  |
| 03     | 0        | 29.97    | 0.00             | 18          | 16        | 90       | 03        | 1     | 3    | 0        | 29.30    | 0.00             | 11          | 7         | 83       | 23        | 8     | 17   | 0        | 29.79    | 0.00             | 7           | -2        | 64       | 24        | 9     | 26   |  |  |
| 06     | 0        | 29.84    | 0.00             | 19          | 16        | 90       | 03        | 1     | 5    | 0        | 29.39    | 0.00             | 9           | 3         | 78       | 25        | 7     | 16   | 0        | 29.88    | 0.00             | 5           | -3        | 68       | 25        | 8     | 15   |  |  |
| 09     | 11       | 29.69    | 0.00             | 20          | 18        | 90       | 03        | 0     | 3    | 76       | 29.52    | 0.00             | 6           | -1        | 73       | 24        | 12    | 27   | 155      | 29.95    | 0.00             | 4           | -2        | 74       | 25        | 5     | 10   |  |  |
| 12     | 28       | 29.41    | 0.00             | 22          | 19        | 89       | 00        | 4     | 8    | 548      | 29.56    | 0.00             | 14          | 6         | 68       | 22        | 9     | 22   | 615      | 29.97    | 0.00             | 9           | -2        | 59       | 24        | 7     | 15   |  |  |
| 15     | 19       | 29.21    | 0.00             | 24          | 22        | 90       | 11        | 0     | 0    | 156      | 29.59    | 0.00             | 16          | 6         | 62       | 25        | 14    | 31   | 146      | 29.98    | 0.00             | 12          | -1        | 55       | 27        | 6     | 21   |  |  |
| 18     | 0        | 29.08    | 0.00             | 24          | 22        | 91       | 03        | 0     | 0    | 0        | 29.66    | 0.00             | 14          | 6         | 70       | 23        | 8     | 21   | 0        | 30.09    | 0.00             | 5           | -4        | 66       | 26        | 0     | 8    |  |  |
| 21     | 0        | 29.04    | 0.00             | 17          | 14        | 89       | 26        | 8     | 14   | 0        | 29.70    | 0.00             | 15          | 2         | 57       | 24        | 11    | 22   | 0        | 30.15    | 0.00             | 4           | -2        | 75       | 29        | 5     | 10   |  |  |

MAXIMUM SHORT DURATION PRECIPITATION

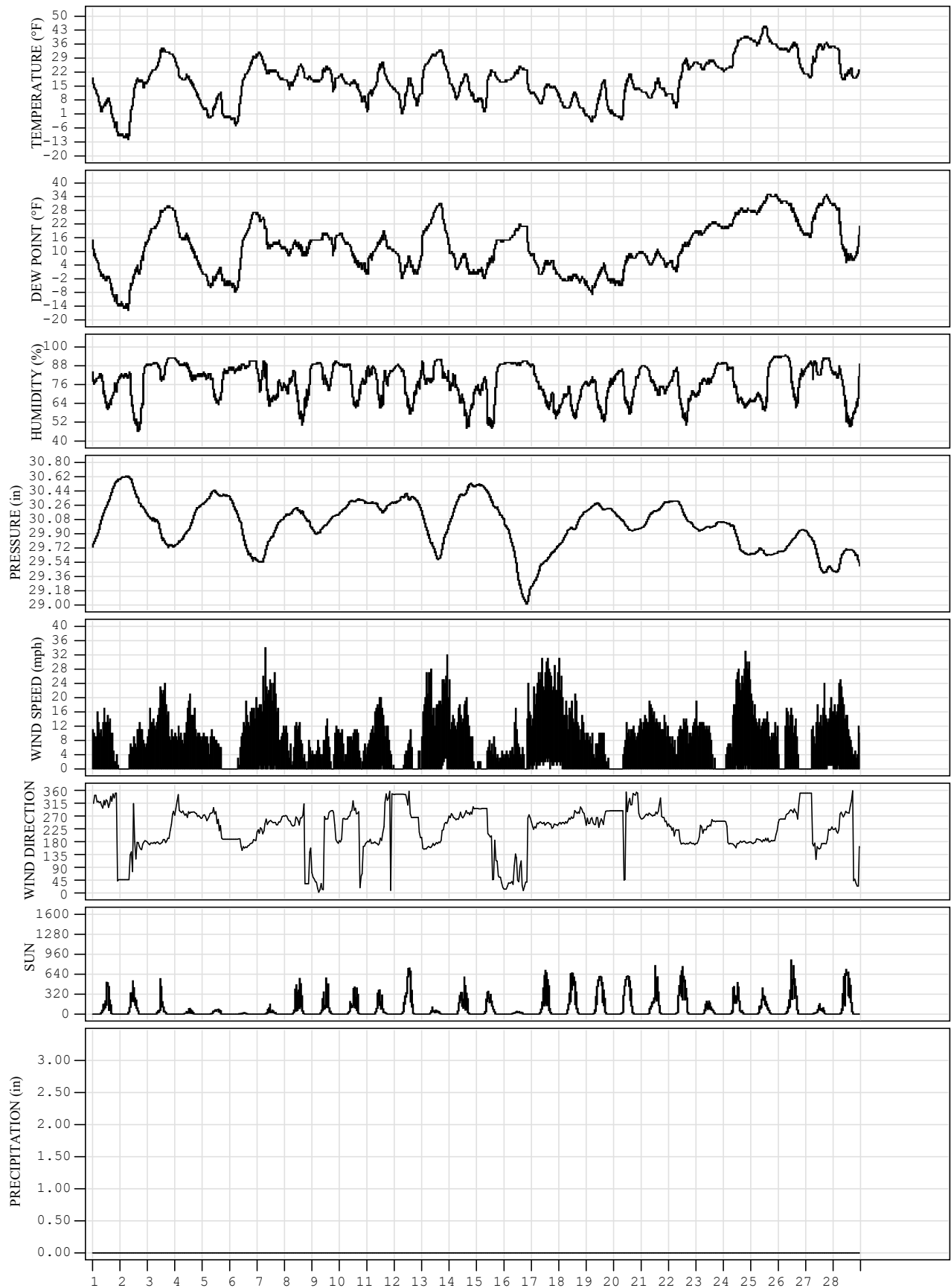


HOURLY PRECIPITATION (Water Equivalent)  
February 2025: Westford

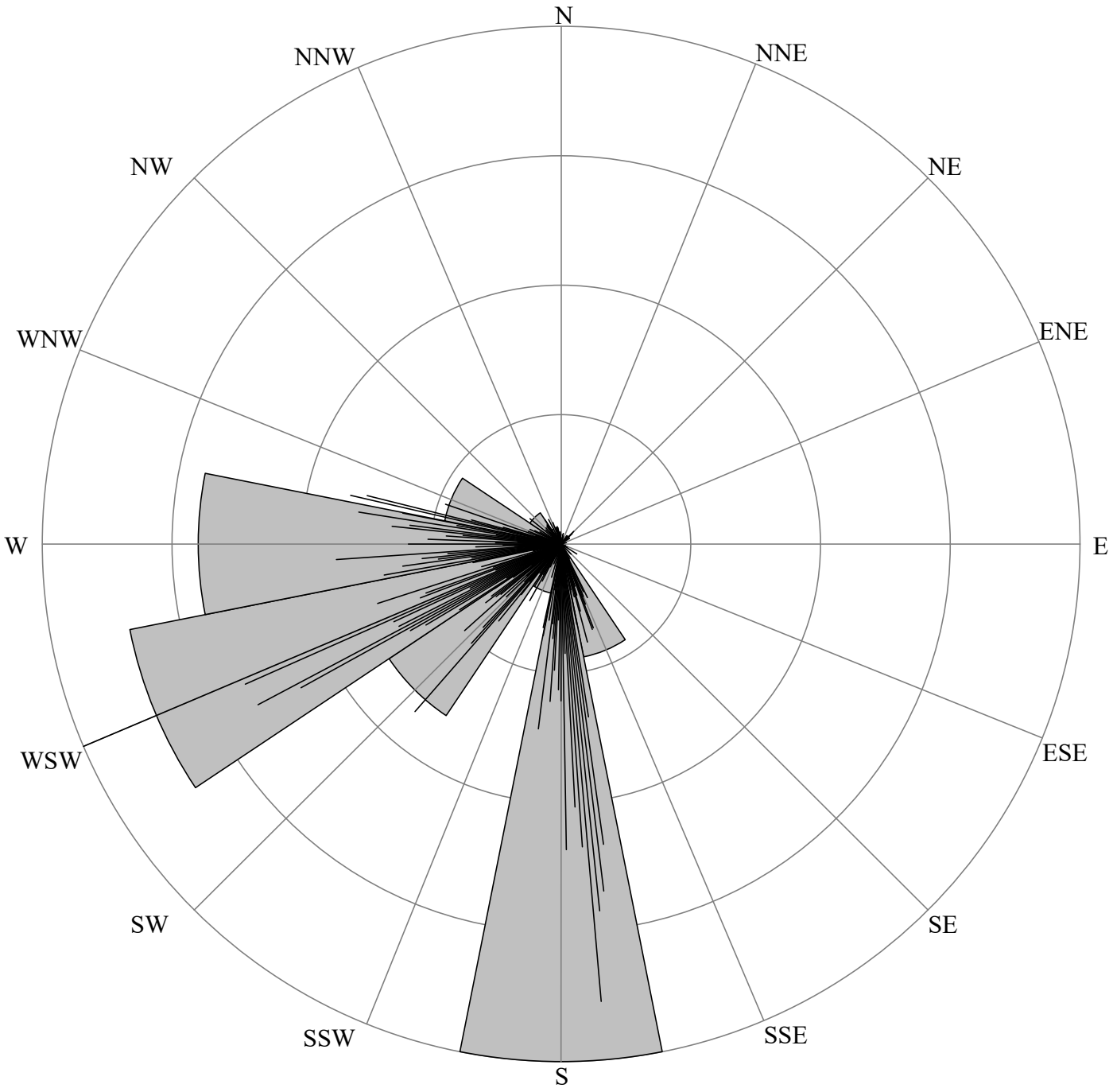
| Date | A.M. Hour Ending at |      |      |      |      |      |      |      |      |      |      |      | P.M. Hour Ending at |      |      |      |      |      |      |      |      |      |      |      | Date |
|------|---------------------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 01                  | 02   | 03   | 04   | 05   | 06   | 07   | 08   | 09   | 10   | 11   | 12   | 01                  | 02   | 03   | 04   | 05   | 06   | 07   | 08   | 09   | 10   | 11   | 12   |      |
| 01   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 01   |
| 02   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 02   |
| 03   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 03   |
| 04   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 04   |
| 05   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 05   |
| 06   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 06   |
| 07   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 07   |
| 08   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 08   |
| 09   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 09   |
| 10   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 10   |
| 11   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 11   |
| 12   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 12   |
| 13   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 13   |
| 14   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 14   |
| 15   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 15   |
| 16   |                     |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |      |      |      |      |      |      |      | 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   |
| Sum  | 0.00                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Sum  |

During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA  
 February 2025: Westford



Wind Rose: February 2025  
Westford



Maximum direction of wind: 68.7 miles from 247°  
Maximum sector of wind: 526.2 miles from S  
1925.8 total miles of wind