

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

May 2022

Station: Westford

Latitude: 44° 37' 38" N Longitude: 73° 02' 29" W Elevation (Ground): 850 feet Time Zone: Eastern

| Date | Temperature | | | | | Humidity | Deg. Days | | Precip Ty 1 fog 2 hvy fog 3 thunder 4 ice plt 5 hail 6 glaze 7 duststm 8 smk, hz 9 blw snw | Snow Cvr | Precip | | Pressure Adj. to Sea Level | | | Wind | | | | | | Solar Radiation | | |
|-----------------|-------------|---------|-----------------|--------|-----------|----------------|-----------|---------------------|---|------------|-------------------|--------------------------------|-------------------------------|---------|---------|------|---|------|------|-------|-----|-----------------|----------|-----|
| | Maximum | Minimum | Average | Mean | Dew Point | | Mean | Heating Base 65°F | | | Cooling Base 65°F | Water Equivalent | Ice Pellets Snow | Maximum | Minimum | Mean | Avg | Res | Res | Peak | | | 2 Minute | |
| | | | | | | | | | | | | | | | | | | | | Speed | Dir | | 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 | 66.8 | 32.8 | 49.8 | 51.3 | 34 | 55 | 15 | 0 | ..... | 0 | 0.00 | 0.0 | 30.14 | 29.99 | 30.064 | 1.4 | 1.2 | 283 | 16 | W | 11 | 249 | 306 | |
| 2 | 62.5 | 42.4 | 52.5 | 51.4 | 40 | 66 | 12 | 0 | ..... | 0 | 0.00 | 0.0 | 30.06 | 29.98 | 30.009 | 2.5 | 2.4 | 157 | 17 | SSE | 9 | 153 | 79 | |
| 3 | 64.0 | 47.8 | 55.9 | 54.3 | 47 | 77 | 9 | 0 | ..... | 0 | 0.08 | 0.0 | 30.13 | 29.96 | 30.054 | 3.0 | 2.7 | 164 | 17 | SSE | 8 | 185 | 130 | |
| 4 | 53.1 | 48.6 | 50.8 | 50.2 | 49 | 95 | 14 | 0 | ..... | 0 | 0.77 | 0.0 | 30.01 | 29.90 | 29.935 | 2.3 | 2.0 | 174 | 17 | S | 9 | 177 | 46 | |
| 5 | 60.1 | 37.6 | 48.8 | 48.4 | 36 | 64 | 16 | 0 | ..... | 0 | 0.00 | 0.0 | 30.15 | 30.00 | 30.066 | 2.4 | 1.8 | 308 | 18 | W | 10 | 263 | 308 | |
| 6 | 60.7 | 37.3 | 49.0 | 49.0 | 31 | 52 | 16 | 0 | ..... | 0 | 0.00 | 0.0 | 30.01 | 29.89 | 29.960 | 1.6 | 1.5 | 320 | 17 | WSW | 10 | 282 | 282 | |
| 7 | 62.4 | 32.4 | 47.4 | 47.5 | 26 | 46 | 18 | 0 | ..... | 0 | 0.00 | 0.0 | 30.09 | 29.95 | 29.993 | 1.8 | 1.7 | 5 | 16 | NNE | 10 | 10 | 303 | |
| 8 | 68.8 | 34.2 | 51.5 | 51.8 | 27 | 43 | 13 | 0 | ..... | 0 | 0.00 | 0.0 | 30.23 | 30.09 | 30.157 | 1.4 | 1.1 | 11 | 14 | NNW | 8 | 283 | 311 | |
| 9 | 74.7 | 38.0 | 56.3 | 57.8 | 30 | 39 | 8 | 0 | ..... | 0 | 0.00 | 0.0 | 30.32 | 30.18 | 30.270 | 1.5 | 0.9 | 320 | 17 | N | 9 | 266 | 322 | |
| 10 | 76.3 | 42.7 | 59.5 | 60.6 | 33 | 37 | 5 | 0 | ..... | 0 | 0.00 | 0.0 | 30.45 | 30.29 | 30.350 | 1.8 | 0.7 | 260 | 15 | SW | 9 | 274 | 318 | |
| 11 | 80.6 | 44.4 | 62.5 | 64.1 | 39 | 43 | 2 | 0 | ..... | 0 | 0.00 | 0.0 | 30.35 | 30.19 | 30.271 | 1.5 | 1.0 | 266 | 17 | W | 11 | 268 | 316 | |
| 12 | 86.6 | 49.4 | 68.0 | 68.9 | 44 | 45 | 0 | 3 | ..... | 0 | 0.00 | 0.0 | 30.29 | 30.16 | 30.216 | 1.0 | 0.9 | 245 | 11 | WSW | 7 | 274 | 285 | |
| 13 | 87.1 | 61.5 | 74.3 | 73.8 | 58 | 61 | 0 | 10 | ..... | 0 | 0.00 | 0.0 | 30.21 | 29.99 | 30.111 | 3.2 | 3.2 | 175 | 20 | SSE | 11 | 176 | 294 | |
| 14 | 87.2 | 61.8 | 74.5 | 73.0 | 63 | 72 | 0 | 10 | ..3..... | 0 | 0.50 | 0.0 | 30.03 | 29.80 | 29.934 | 2.3 | 1.6 | 199 | 15 | SSE | 9 | 176 | 269 | |
| 15 | 73.4 | 62.0 | 67.7 | 65.2 | 63 | 93 | 0 | 3 | ..... | 0 | 0.37 | 0.0 | 29.83 | 29.67 | 29.745 | 1.0 | 0.9 | 191 | 11 | SSE | 6 | 234 | 111 | |
| 16 | 80.9 | 57.3 | 69.1 | 65.6 | 62 | 88 | 0 | 4 | ..3..... | 0 | 1.54 | 0.0 | 29.69 | 29.35 | 29.532 | 2.2 | 2.0 | 180 | 27 | WSW | 14 | 233 | 214 | |
| 17 | 59.6 | 45.4 | 52.5 | 51.7 | 48 | 88 | 12 | 0 | ..... | 0 | 0.67 | 0.0 | 29.77 | 29.39 | 29.564 | 4.6 | 4.5 | 225 | 28 | SSE | 14 | 239 | 87 | |
| 18 | 61.5 | 39.3 | 50.4 | 49.4 | 37 | 66 | 14 | 0 | ..... | 0 | 0.00 | 0.0 | 29.97 | 29.77 | 29.868 | 2.5 | 2.4 | 270 | 19 | W | 10 | 276 | 324 | |
| 19 | 55.7 | 36.6 | 46.1* | 46.4 | 44 | 91 | 18 | 0 | ..... | 0 | 0.60 | 0.0 | 29.83 | 29.62 | 29.712 | 0.4 | 0.4 | 150 | 17 | SSE | 7 | 165 | 49 | |
| 20 | 79.6 | 42.3 | 60.9 | 61.8 | 54 | 79 | 4 | 0 | ..... | 0 | 0.00 | 0.0 | 29.89 | 29.75 | 29.812 | 2.7 | 2.7 | 175 | 26 | SSE | 14 | 177 | 282 | |
| 21 | 87.3* | 64.5 | 75.9* | 72.6 | 66 | 81 | 0 | 11 | ..3..... | 0 | 0.10 | 0.0 | 29.93 | 29.77 | 29.833 | 3.8 | 3.7 | 181 | 23 | S | 12 | 169 | 245 | |
| 22 | 83.8 | 51.4 | 67.6 | 66.1 | 62 | 89 | 0 | 3 | ..3..... | 0 | 0.79 | 0.0 | 30.10 | 29.80 | 29.909 | 1.7 | 1.1 | 225 | 24 | W | 15 | 274 | 182 | |
| 23 | 61.4 | 41.7 | 51.6 | 52.2 | 43 | 71 | 13 | 0 | ..... | 0 | 0.00 | 0.0 | 30.30 | 30.09 | 30.220 | 1.3 | 1.2 | 320 | 15 | W | 7 | 266 | 294 | |
| 24 | 65.7 | 36.7 | 51.2 | 51.4 | 41 | 70 | 13 | 0 | ..... | 0 | 0.00 | 0.0 | 30.35 | 30.24 | 30.292 | 0.6 | 0.2 | 315 | 10 | NNW | 6 | 96 | 266 | |
| 25 | 72.4 | 41.3 | 56.9 | 57.7 | 46 | 70 | 8 | 0 | ..... | 0 | 0.00 | 0.0 | 30.35 | 30.20 | 30.278 | 0.6 | 0.5 | 258 | 13 | WSW | 7 | 238 | 311 | |
| 26 | 73.9 | 51.1 | 62.5 | 64.5 | 52 | 65 | 2 | 0 | ..... | 0 | T | 0.0 | 30.21 | 29.86 | 30.033 | 4.7 | 4.7 | 179 | 32 | SSE | 14 | 183 | 218 | |
| 27 | 73.8 | 60.4 | 67.1 | 66.8 | 63 | 86 | 0 | 2 | ..... | 0 | 0.44 | 0.0 | 29.86 | 29.53 | 29.723 | 3.1 | 3.1 | 179 | 24 | S | 11 | 174 | 89 | |
| 28 | 69.0 | 49.5 | 59.3 | 61.3 | 58 | 89 | 5 | 0 | ..... | 0 | 0.36 | 0.0 | 29.86 | 29.53 | 29.671 | 1.7 | 1.4 | 241 | 24 | SSE | 11 | 264 | 158 | |
| 29 | 78.2 | 49.6 | 63.9 | 63.6 | 53 | 73 | 1 | 0 | ..... | 0 | 0.00 | 0.0 | 30.02 | 29.86 | 29.957 | 1.0 | 0.9 | 217 | 13 | WNW | 6 | 264 | 294 | |
| 30 | 82.4 | 51.9 | 67.2 | 67.9 | 58 | 73 | 0 | 2 | ..... | 0 | 0.00 | 0.0 | 30.03 | 29.85 | 29.950 | 1.2 | 1.1 | 200 | 14 | SSE | 6 | 170 | 230 | |
| 31 | 73.0 | 54.2 | 63.6 | 66.2 | 59 | 77 | 1 | 0 | ..... | 0 | 0.00 | 0.0 | 29.95 | 29.84 | 29.908 | 1.0 | 0.4 | 263 | 14 | S | 7 | 232 | 217 | |
| Sum | Sum | ----- | ----- | --- | ---- | Ttl | Ttl | | | Total | Total | For the month: | | | | | | | | | | --- | | |
| 2223 | 1446 | | | | | 219 | 48 | | Number of Days | 6.22 | 0.0 | 30.45 | 29.35 | 29.981 | 2.0 | 1.0 | 213 | 32 | SSE | 15 | 274 | | | |
| Avg | Avg | Avg | Mean | Avg | Avg | ---- | ---- | | Precip | Season Ttl | | Date | Date | ----- | ---- | ---- | --- | Date | Date | Avg | | | | |
| 71.7 | 46.6 | 59.2 | 59.1 | 47 | 69.2 | ---- | ---- | | ≥.01 inch | 11 | 19.77 | 84.6 | 10 | 16 | ----- | ---- | ---- | --- | 26 | 22 | 230 | | | |
| Number of Days | | | | | | Season to Date | | Snow, Ice ≥1.0 inch | | 0 | | Greatest in 24 Hours and Dates | | | | | Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date | | | | | | | |
| Max Temperature | | | Min Temperature | | | 7422 | 48 | Thunder | | 4 | Precipitation | | Snow, Ice Plts | | | | | | | | | | | |
| ≥ 90°F | | ≤ 32°F | | ≤ 32°F | | ≤ 0°F | | ---- | ---- | Heavy Fog | | 0 | 1.88 | 16-17 | | 0.0 | | - | | | 0 | | - | |
| 0 | | 0 | | 1 | | 0 | | ---- | ---- | Clear | | 8 | Partly Cloudy | | 15 | | Cloudy | | 7 | | | | | |

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.
- Column 23: Solar Radiation is measured in W/m² and is continuously averaged for 24 hours.

**OBSERVATIONS AT 3-HOUR INTERVALS
May 2022: Westford**

| Hour | Sunshine | Pressure | Rainfall rate | Temperature | Dew Point | Humidity | Wind | | | Sunshine | Pressure | Rainfall rate | Temperature | Dew Point | Humidity | Wind | | | Sunshine | Pressure | Rainfall rate | Temperature | Dew Point | Humidity | Wind | | |
|--------|----------|----------|---------------|-------------|-----------|----------|-----------|-------|------|----------|----------|---------------|-------------|-----------|----------|-----------|-------|------|----------|----------|---------------|-------------|-----------|----------|-----------|-------|------|
| | | | | | | | Direction | Speed | Gust | | | | | | | Direction | Speed | Gust | | | | | | | Direction | Speed | Gust |
| MAY 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 00 | 0 | 30.10 | 0.00 | 42 | 30 | 63 | 32 | 0 | 0 | 0 | 30.00 | 0.00 | 50 | 37 | 61 | 28 | 0 | 0 | 0 | 30.06 | 0.00 | 49 | 43 | 80 | 17 | 1 | 4 |
| 03 | 0 | 30.09 | 0.00 | 38 | 29 | 72 | 32 | 0 | 0 | 0 | 29.98 | 0.00 | 43 | 36 | 75 | 28 | 0 | 0 | 0 | 30.06 | 0.00 | 48 | 44 | 85 | 15 | 3 | 8 |
| 06 | 11 | 30.12 | 0.00 | 33 | 29 | 83 | 32 | 0 | 0 | 18 | 29.99 | 0.00 | 47 | 37 | 67 | 13 | 0 | 2 | 5 | 30.08 | 0.00 | 48 | 44 | 88 | 17 | 2 | 6 |
| 09 | 503 | 30.13 | 0.00 | 52 | 34 | 51 | 31 | 0 | 5 | 578 | 29.99 | 0.00 | 61 | 40 | 46 | 16 | 4 | 12 | 171 | 30.12 | 0.00 | 51 | 46 | 82 | 18 | 3 | 10 |
| 12 | 879 | 30.09 | 0.00 | 61 | 35 | 38 | 28 | 1 | 12 | 77 | 30.00 | 0.00 | 57 | 39 | 51 | 18 | 3 | 8 | 485 | 30.10 | 0.00 | 59 | 49 | 68 | 15 | 3 | 17 |
| 15 | 802 | 30.03 | 0.00 | 67 | 41 | 39 | 28 | 5 | 12 | 88 | 30.00 | 0.00 | 54 | 42 | 65 | 14 | 3 | 13 | 232 | 30.05 | 0.00 | 62 | 49 | 63 | 16 | 5 | 10 |
| 18 | 172 | 30.01 | 0.00 | 65 | 37 | 36 | 27 | 3 | 9 | 46 | 30.03 | 0.00 | 50 | 42 | 72 | 17 | 5 | 12 | 111 | 30.02 | 0.00 | 61 | 49 | 65 | 15 | 5 | 10 |
| 21 | 0 | 30.01 | 0.00 | 53 | 38 | 57 | 28 | 0 | 0 | 0 | 30.05 | 0.00 | 50 | 42 | 76 | 17 | 4 | 10 | 0 | 29.96 | 0.00 | 55 | 47 | 74 | 13 | 4 | 10 |
| MAY 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 04 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 05 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 06 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 07 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 08 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 09 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

MAXIMUM SHORT DURATION PRECIPITATION

| Time Period (minutes) | 5 | 10 | 15 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Precipitation | 0.39 | 0.66 | 0.85 | 0.95 | 1.01 | 1.04 | 1.11 | 1.16 | 1.19 | 1.23 | 1.26 | 1.26 |
| Ended: Date | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| Ended: Time | 1830 | 1834 | 1839 | 1841 | 1842 | 1902 | 1917 | 1928 | 1924 | 1933 | 1941 | 1941 |

The precipitation amounts may occur at any time during the month. The time indicated is the ending time of the interval. Date and time are not entered for trace amounts.

OBSERVATIONS AT 3-HOUR INTERVALS

May 2022: Westford

| Hour | MAY 19 | | | | | | | | | MAY 20 | | | | | | | | | MAY 21 | | | | | | | | |
|--------|----------|----------|---------------|-------------|-----------|----------|-----------|-------|--------|----------|----------|---------------|-------------|-----------|----------|-----------|-------|--------|----------|----------|---------------|-------------|-----------|----------|-----------|-------|------|
| | Sunshine | Pressure | Rainfall rate | Temperature | Dew Point | Humidity | Direction | Speed | Gust | Sunshine | Pressure | Rainfall rate | Temperature | Dew Point | Humidity | Direction | Speed | Gust | Sunshine | Pressure | Rainfall rate | Temperature | Dew Point | Humidity | Direction | Speed | Gust |
| 00 | 0 | 29.83 | 0.00 | 40 | 38 | 93 | 28 | 0 | 0 | 0 | 29.78 | 0.00 | 49 | 48 | 97 | 26 | 0 | 0 | 0 | 29.81 | 0.00 | 67 | 59 | 75 | 18 | 5 | 13 |
| 03 | 0 | 29.79 | 0.00 | 38 | 36 | 95 | 28 | 0 | 0 | 0 | 29.79 | 0.00 | 47 | 46 | 97 | 26 | 0 | 0 | 0 | 29.78 | 0.00 | 65 | 60 | 84 | 17 | 6 | 15 |
| 06 | 23 | 29.74 | 0.00 | 39 | 39 | 97 | 28 | 0 | 0 | 19 | 29.85 | 0.00 | 42 | 42 | 97 | 26 | 0 | 0 | 23 | 29.82 | 0.00 | 66 | 62 | 86 | 18 | 8 | 17 |
| 09 | 135 | 29.73 | 0.00 | 51 | 43 | 74 | 17 | 0 | 3 | 517 | 29.88 | 0.00 | 56 | 53 | 90 | 16 | 5 | 14 | 197 | 29.86 | 0.00 | 69 | 64 | 85 | 18 | 5 | 14 |
| 12 | 33 | 29.66 | 0.00 | 51 | 46 | 84 | 11 | 2 | 6 | 439 | 29.87 | 0.00 | 65 | 56 | 72 | 16 | 2 | 11 | 833 | 29.83 | 0.00 | 82 | 72 | 73 | 15 | 3 | 10 |
| 15 | 53 | 29.62 | 0.00 | 49 | 48 | 94 | 13 | 0 | 1 | 807 | 29.78 | 0.00 | 77 | 60 | 56 | 18 | 8 | 17 | 708 | 29.81 | 0.00 | 87 | 72 | 62 | 18 | 4 | 18 |
| 18 | 23 | 29.65 | 0.00 | 49 | 48 | 96 | 05 | 0 | 1 | 425 | 29.75 | 0.00 | 78 | 62 | 58 | 18 | 8 | 18 | 46 | 29.84 | 0.11 | 75 | 71 | 87 | 21 | 1 | 12 |
| 21 | 0 | 29.71 | 0.00 | 50 | 49 | 97 | 26 | 1 | 7 | 0 | 29.77 | 0.00 | 68 | 60 | 74 | 18 | 3 | 6 | 0 | 29.89 | 0.00 | 68 | 66 | 95 | 19 | 0 | 0 |
| MAY 22 | | | | | | | | | MAY 23 | | | | | | | | | MAY 24 | | | | | | | | | |
| 00 | 0 | 29.91 | 0.00 | 65 | 63 | 94 | 06 | 0 | 0 | 0 | 30.10 | 0.00 | 51 | 49 | 90 | 27 | 4 | 14 | 0 | 30.29 | 0.00 | 42 | 40 | 92 | 01 | 0 | 0 |
| 03 | 0 | 29.92 | 0.00 | 64 | 63 | 97 | 10 | 0 | 2 | 0 | 30.12 | 0.00 | 50 | 46 | 88 | 26 | 4 | 8 | 0 | 30.30 | 0.00 | 38 | 37 | 95 | 01 | 0 | 0 |
| 06 | 12 | 29.89 | 0.00 | 60 | 60 | 98 | 10 | 0 | 0 | 28 | 30.19 | 0.00 | 46 | 41 | 83 | 34 | 2 | 9 | 18 | 30.32 | 0.00 | 38 | 37 | 96 | 01 | 0 | 0 |
| 09 | 192 | 29.91 | 0.00 | 69 | 67 | 95 | 16 | 2 | 8 | 519 | 30.24 | 0.00 | 52 | 39 | 61 | 34 | 5 | 10 | 557 | 30.34 | 0.00 | 56 | 41 | 57 | 05 | 3 | 8 |
| 12 | 387 | 29.85 | 0.00 | 81 | 69 | 69 | 18 | 3 | 10 | 916 | 30.26 | 0.00 | 57 | 42 | 57 | 27 | 4 | 8 | 904 | 30.30 | 0.00 | 62 | 40 | 44 | 23 | 1 | 6 |
| 15 | 132 | 29.81 | 0.00 | 79 | 70 | 74 | 20 | 1 | 6 | 689 | 30.24 | 0.00 | 60 | 43 | 53 | 00 | 1 | 10 | 445 | 30.27 | 0.00 | 63 | 43 | 48 | 27 | 4 | 8 |
| 18 | 32 | 29.91 | 0.00 | 61 | 58 | 92 | 27 | 5 | 18 | 366 | 30.24 | 0.00 | 60 | 41 | 49 | 34 | 2 | 13 | 223 | 30.25 | 0.00 | 62 | 42 | 49 | 33 | 1 | 5 |
| 21 | 0 | 30.01 | 0.00 | 56 | 54 | 93 | 26 | 1 | 13 | 0 | 30.27 | 0.00 | 47 | 42 | 83 | 01 | 0 | 0 | 0 | 30.27 | 0.00 | 50 | 43 | 76 | 01 | 0 | 0 |
| MAY 25 | | | | | | | | | MAY 26 | | | | | | | | | MAY 27 | | | | | | | | | |
| 00 | 0 | 30.29 | 0.00 | 44 | 42 | 92 | 01 | 0 | 0 | 0 | 30.21 | 0.00 | 51 | 48 | 89 | 21 | 0 | 0 | 0 | 29.86 | 0.00 | 65 | 57 | 75 | 18 | 6 | 19 |
| 03 | 0 | 30.27 | 0.00 | 46 | 42 | 87 | 01 | 0 | 0 | 0 | 30.17 | 0.00 | 58 | 51 | 77 | 17 | 0 | 8 | 0 | 29.83 | 0.00 | 64 | 57 | 80 | 17 | 9 | 19 |
| 06 | 28 | 30.31 | 0.00 | 42 | 41 | 95 | 01 | 0 | 0 | 14 | 30.15 | 0.00 | 59 | 52 | 77 | 17 | 2 | 6 | 5 | 29.81 | 0.00 | 61 | 59 | 94 | 17 | 3 | 11 |
| 09 | 550 | 30.35 | 0.00 | 61 | 47 | 60 | 01 | 1 | 2 | 123 | 30.13 | 0.00 | 61 | 48 | 64 | 16 | 4 | 20 | 118 | 29.79 | 0.00 | 64 | 61 | 89 | 17 | 3 | 14 |
| 12 | 923 | 30.33 | 0.00 | 68 | 47 | 47 | 15 | 3 | 7 | 856 | 30.03 | 0.00 | 69 | 50 | 50 | 17 | 8 | 24 | 236 | 29.74 | 0.00 | 68 | 63 | 85 | 18 | 4 | 14 |
| 15 | 844 | 30.28 | 0.00 | 72 | 51 | 48 | 25 | 6 | 12 | 452 | 29.95 | 0.00 | 71 | 51 | 49 | 17 | 6 | 21 | 255 | 29.68 | 0.00 | 73 | 66 | 79 | 18 | 4 | 11 |
| 18 | 257 | 30.23 | 0.00 | 70 | 47 | 44 | 21 | 0 | 2 | 176 | 29.90 | 0.00 | 70 | 54 | 56 | 18 | 5 | 19 | 65 | 29.65 | 0.00 | 73 | 66 | 81 | 19 | 3 | 9 |
| 21 | 0 | 30.22 | 0.00 | 55 | 48 | 76 | 21 | 0 | 0 | 0 | 29.89 | 0.00 | 67 | 56 | 67 | 19 | 4 | 21 | 0 | 29.60 | 0.18 | 67 | 65 | 94 | 18 | 2 | 7 |
| MAY 28 | | | | | | | | | MAY 29 | | | | | | | | | MAY 30 | | | | | | | | | |
| 00 | 0 | 29.54 | 0.00 | 66 | 65 | 95 | 18 | 2 | 12 | 0 | 29.86 | 0.00 | 51 | 50 | 96 | 20 | 0 | 1 | 0 | 30.00 | 0.00 | 56 | 52 | 86 | 25 | 0 | 0 |
| 03 | 0 | 29.60 | 0.00 | 62 | 60 | 94 | 18 | 3 | 9 | 0 | 29.89 | 0.00 | 50 | 49 | 97 | 20 | 0 | 0 | 0 | 29.98 | 0.00 | 53 | 51 | 93 | 25 | 0 | 0 |
| 06 | 5 | 29.59 | 0.00 | 61 | 60 | 96 | 18 | 1 | 4 | 18 | 29.95 | 0.00 | 51 | 49 | 94 | 16 | 1 | 6 | 19 | 30.02 | 0.00 | 53 | 51 | 93 | 22 | 0 | 0 |
| 09 | 207 | 29.60 | 0.00 | 68 | 64 | 86 | 19 | 1 | 6 | 559 | 30.01 | 0.00 | 66 | 58 | 75 | 14 | 2 | 7 | 316 | 30.03 | 0.00 | 66 | 57 | 75 | 17 | 2 | 12 |
| 12 | 172 | 29.67 | 0.08 | 57 | 56 | 96 | 29 | 2 | 8 | 914 | 30.00 | 0.00 | 74 | 57 | 56 | 25 | 0 | 9 | 905 | 29.99 | 0.00 | 75 | 61 | 60 | 20 | 1 | 8 |
| 15 | 385 | 29.69 | 0.00 | 64 | 58 | 82 | 28 | 2 | 12 | 856 | 29.98 | 0.00 | 78 | 58 | 51 | 26 | 2 | 8 | 745 | 29.93 | 0.00 | 81 | 63 | 55 | 24 | 1 | 9 |
| 18 | 392 | 29.72 | 0.00 | 66 | 55 | 70 | 27 | 2 | 11 | 369 | 29.94 | 0.00 | 77 | 53 | 44 | 22 | 1 | 3 | 267 | 29.86 | 0.00 | 81 | 65 | 57 | 22 | 0 | 13 |
| 21 | 0 | 29.81 | 0.00 | 54 | 51 | 88 | 29 | 0 | 0 | 0 | 29.96 | 0.00 | 60 | 54 | 81 | 25 | 0 | 0 | 0 | 29.87 | 0.00 | 71 | 61 | 72 | 18 | 0 | 6 |
| MAY 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 00 | 0 | 29.86 | 0.00 | 72 | 62 | 69 | 18 | 1 | 6 | | | | | | | | | | | | | | | | | | |
| 03 | 0 | 29.86 | 0.00 | 71 | 60 | 69 | 18 | 3 | 7 | | | | | | | | | | | | | | | | | | |
| 06 | 28 | 29.89 | 0.00 | 64 | 60 | 85 | 03 | 0 | 3 | | | | | | | | | | | | | | | | | | |
| 09 | 517 | 29.93 | 0.00 | 65 | 59 | 81 | 26 | 0 | 6 | | | | | | | | | | | | | | | | | | |
| 12 | 633 | 29.94 | 0.00 | 67 | 60 | 77 | 33 | 2 | 8 | | | | | | | | | | | | | | | | | | |
| 15 | 726 | 29.91 | 0.00 | 72 | 62 | 71 | 27 | 3 | 11 | | | | | | | | | | | | | | | | | | |
| 18 | 86 | 29.91 | 0.00 | 66 | 58 | 75 | 33 | 0 | 3 | | | | | | | | | | | | | | | | | | |
| 21 | 0 | 29.94 | 0.00 | 57 | 53 | 86 | 35 | 0 | 0 | | | | | | | | | | | | | | | | | | |

WEATHER NOTES

NOTES:
 Units: Temperature=°F, Wind=mph, Pressure=Inches Hg, Precipitation=inches.
 Wind Direction: Directions are those from which the wind is blowing, indicated in tens of degrees from true north: i.e., 09 for East, 18 for South, 27 for West, and 00 or 36 for North.
 Wind Speed: The observed one-minute average speed in miles-per-hour.
 Wind Gust: The maximum instantaneous wind speed for the 10-minute period preceding the observation.
 Rainfall Rate: The instantaneous rainfall rate at the time of observation, calculated by timing consecutive pulses from the electronic rain gauge and interpolating this rate for one hour.

SUMMARY BY HOUR

| Hour | Averages | | | | | | Resultant Wind | |
|------|----------|----------|-------------|-----------|----------|------------|----------------|-------|
| | Sunshine | Pressure | Temperature | Dew Point | Humidity | Wind Speed | Direction | Speed |
| 00 | 0 | 29.983 | 53 | 46 | 79 | 1.3 | 21 | 1.1 |
| 03 | 0 | 29.981 | 51 | 45 | 81 | 1.7 | 19 | 1.3 |
| 06 | 17 | 30.000 | 49 | 44 | 85 | 1.1 | 18 | 0.7 |
| 09 | 403 | 30.024 | 59 | 48 | 68 | 2.6 | 17 | 1.1 |
| 12 | 638 | 30.003 | 66 | 48 | 57 | 3.0 | 22 | 1.3 |
| 15 | 567 | 29.958 | 69 | 49 | 53 | 3.2 | 24 | 1.5 |
| 18 | 210 | 29.940 | 67 | 48 | 56 | 2.7 | 23 | 1.6 |
| 21 | 0 | 29.961 | 57 | 48 | 73 | 1.0 | 20 | 0.5 |

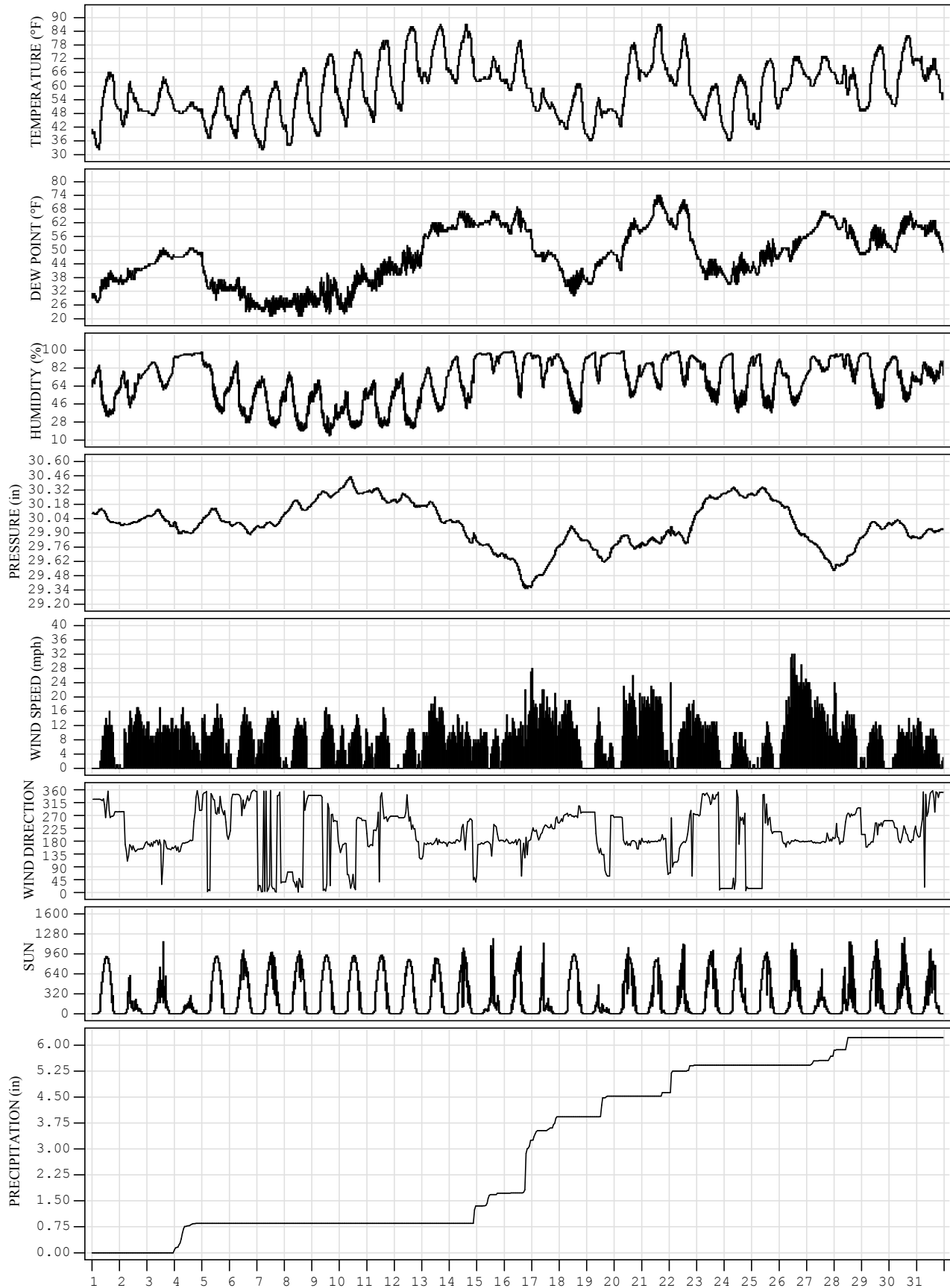
HOURLY PRECIPITATION (Water Equivalent) May 2022: Westford

| 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 | 0.06 | 0.01 | 0.01 | 0.06 | 0.06 | 0.12 | 0.17 | 0.13 | 0.06 | | 0.01 | 0.01 | | 0.02 | 0.02 | 0.01 | 0.01 | | 0.01 | | | | | 0.08 | 04 |
| 05 | | | | | | | | | | | | | | | | | | | | | | | | | 05 |
| 06 | | | | | | | | | | | | | | | | | | | | | | | | | 06 |
| 07 | | | | | | | | | | | | | | | | | | | | | | | | | 07 |
| 08 | | | | | | | | | | | | | | | | | | | | | | | | | 08 |
| 09 | | | | | | | | | | | | | | | | | | | | | | | | | 09 |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | | | | | | | | | | 0.39 | 0.11 | 14 |
| 15 | | | | | | 0.01 | | 0.01 | 0.06 | 0.14 | 0.09 | 0.02 | | | | | 0.04 | | | | | | | | 15 |
| 16 | | | | | | 0.01 | | | | | | | | | | | | | | | | | | | 16 |
| 17 | | 0.09 | 0.08 | 0.07 | 0.03 | | | | | | | | | 0.03 | 0.02 | 0.03 | 0.02 | 0.07 | 1.05 | 0.14 | 0.01 | 0.06 | 0.17 | 0.01 | 17 |
| 18 | | | | | | | | | | | | | | | | | | 0.09 | 0.04 | 0.15 | 0.04 | | | | 18 |
| 19 | | | | | | | | | | | 0.01 | 0.33 | 0.21 | | | 0.03 | 0.02 | | | | | | | | 19 |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | | | | | | | 0.10 | | | | | | | 21 |
| 22 | | 0.57 | 0.05 | | | | | | | | | | | | 0.02 | | 0.13 | 0.01 | | | | 0.01 | | | 22 |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | 23 |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | 25 |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| 27 | | | | 0.02 | 0.04 | 0.07 | | | | | 0.01 | | | | | | | | | | 0.06 | 0.06 | | 0.18 | 27 |
| 28 | | 0.01 | | | | | | | | | 0.17 | 0.18 | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| Sum | 0.06 | 0.68 | 0.14 | 0.15 | 0.13 | 0.21 | 0.17 | 0.14 | 0.12 | 0.14 | 0.28 | 0.22 | 0.33 | 0.26 | 0.04 | 0.06 | 0.06 | 0.36 | 1.16 | 0.24 | 0.22 | 0.50 | 0.28 | 0.27 | Sum |

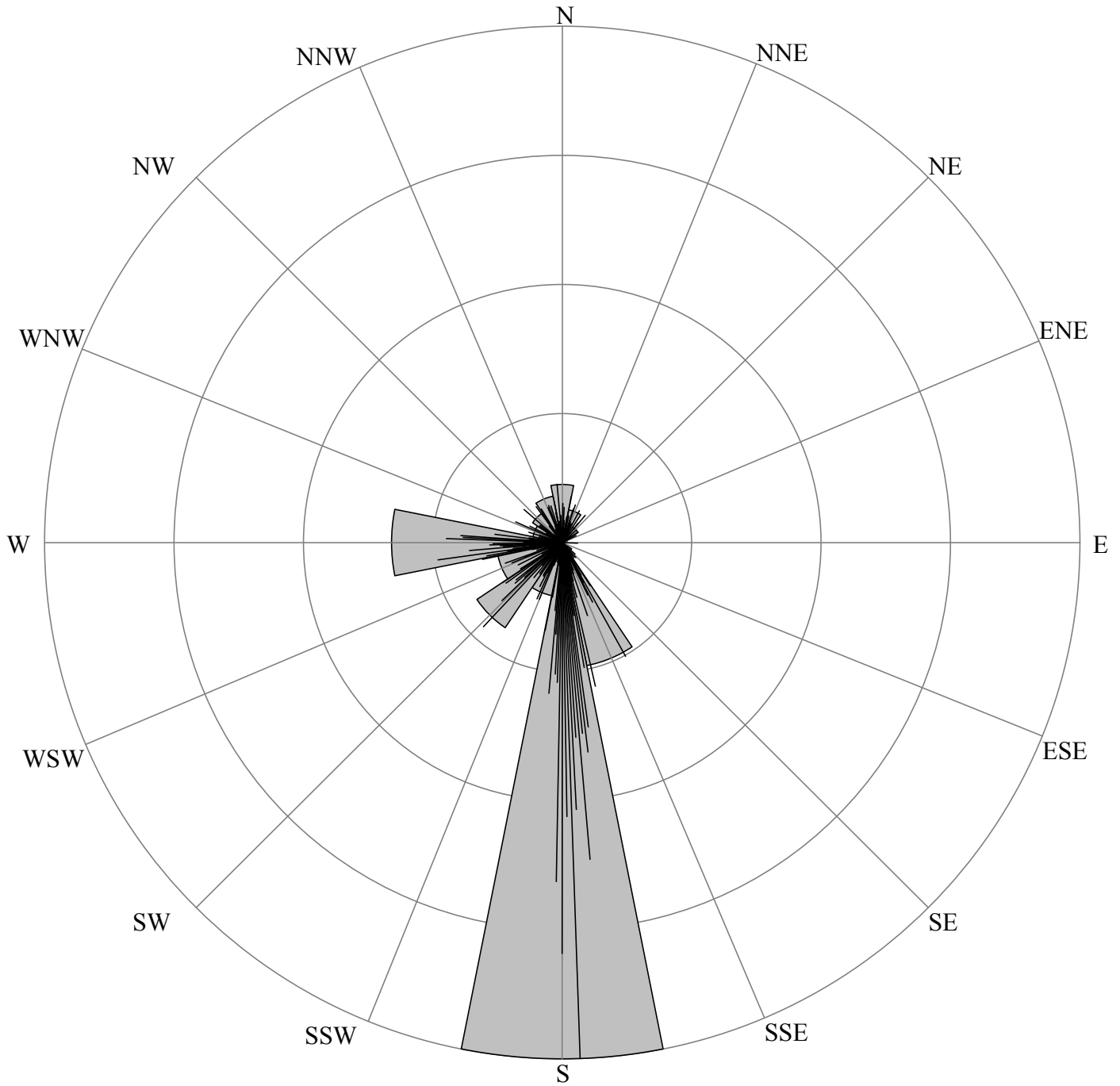
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA

May 2022: Westford



Wind Rose: May 2022
Westford



Maximum direction of wind: 78.8 miles from 178°
Maximum sector of wind: 600.9 miles from S
1484.7 total miles of wind