

| Tuesday        |                    | 0700 EST                   | August 1, 2023        | Meteorological Observatory<br>University Park, PA |
|----------------|--------------------|----------------------------|-----------------------|---|
| Temp. (°F)     | Wind (mph)         | Barom. (in.Hg)             | Temperature           | General Observations                              |
| Maximum<br>77  | Direction<br>W     | 71                         |                       |   |
| Minimum<br>57  | Velocity<br>1      | Reading<br>29.09"          |                       |   |
| Set<br>59      | Character<br>light | Corrected<br>28.97"        | 0700                  | 1300  |
| Ovnt. Low      | 24 hr. Mov.        | Sea Level<br>30.28"        | Clouds<br>sc 1/10     | Clouds<br>cu 4/10                                 |
| Rel. Humidity  | Precip. Solid      | 3 hr. Tendency<br>↑2.37 mb | Wx<br>Fu, alt         | Wx<br>Fu alt                                      |
| 84%            | 0.0                | Observer<br>NT             | Visibility (mi)<br>25 | Visibility (mi)<br>25                             |
| Precip. Liquid | Snow Depth         |                            |                       | 25  |
| 0.00           | 0.0                |                            |                       |   |

| Thursday       |                   | 0700 EST                 | August 3rd 2023       | Meteorological Observatory<br>University Park, PA |
|----------------|-------------------|--------------------------|-----------------------|---|
| Temp. (°F)     | Wind (mph)        | Barom. (in.Hg)           | Temperature           | General Observations                              |
| Maximum<br>76  | Direction<br>N    | 75                       |                       |   |
| Minimum<br>59  | Velocity<br>2     | Reading<br>29.06"        |                       |   |
| Set<br>65      | Character<br>calm | Corrected<br>28.9"       | 0700                  | 1300  |
| Ovnt. Low      | 24 hr. Mov.       | Sea Level<br>30.25"      | Clouds<br>ci 3/10     | Clouds<br>cu 5/10                                 |
| Rel. Humidity  | Precip. Solid     | 3 hr. Tendency<br>↑.00mb | Wx<br>—               | Wx<br>—   |
| 90%            | 0.0               | Observer<br>AP           | Visibility (mi)<br>25 | Visibility (mi)<br>25                             |
| Precip. Liquid | Snow Depth        |                          |                       | 25  |
| 0.00           | 0.0"              |                          |                       |   |

| Saturday       |                   | 0700 EST                   | Aug 5th 2023         | Meteorological Observatory<br>University Park, PA |
|----------------|-------------------|----------------------------|----------------------|---|
| Temp. (°F)     | Wind (mph)        | Barom. (in.Hg)             | Temperature          | General Observations                              |
| Maximum<br>83  | Direction<br>W    | 75                         |                      |   |
| Minimum<br>61  | Velocity<br>1     | Reading<br>29.07"          |                      |   |
| Set<br>68      | Character<br>SH11 | Corrected<br>29.21"        | 0700                 | 1300  |
| Ovnt. Low      | 24 hr. Mov.       | Sea Level<br>30.55"        | Clouds<br>ci 8/10    | Clouds<br>cu                                      |
| Rel. Humidity  | Precip. Solid     | 3 hr. Tendency<br>↑0.34 mb | Wx<br>—              | Wx<br>—   |
| 93%            | 0.00              | Observer<br>AP             | Visibility (mi)<br>3 | Visibility (mi)<br>25                             |
| Precip. Liquid | Snow Depth        |                            |                      |   |
| 0.0            | 0.0               |                            |                      |   |

| Monday         |                     | 0700 EST            | August 7, 2023        | Meteorological Observatory<br>University Park, PA |
|----------------|---------------------|---------------------|-----------------------|---|
| Temp. (°F)     | Wind (mph)          | Barom. (in.Hg)      | Temperature           | General Observations                              |
| Maximum<br>84  | Direction<br>SSE    | 75                  |                       |   |
| Minimum<br>65  | Velocity<br>4       | Reading<br>28.78"   |                       |   |
| Set<br>72      | Character<br>breeze | Corrected<br>28.51" | 0700                  | 1300  |
| Ovnt. Low      | 24 hr. Mov.         | Sea Level<br>29.88" | Clouds<br>sc          | Clouds<br>cu 3/10                                 |
| Rel. Humidity  | Precip. Solid       | 3 hr. Tendency      | Wx<br>—               | Wx<br>—   |
| 91%            | 0.01                | Observer<br>HC      | Visibility (mi)<br>15 | Visibility (mi)<br>25                             |
| Precip. Liquid | Snow Depth          |                     |                       |   |
| 0.56"          | 0"                  |                     |                       |   |

| Wednesday      |                    | 0700 EST                 | August 9th 2023          | Meteorological Observatory<br>University Park, PA |
|----------------|--------------------|--------------------------|--------------------------|---|
| Temp. (°F)     | Wind (mph)         | Barom. (in.Hg)           | Temperature              | General Observations                              |
| Maximum<br>78  | Direction<br>SSW   | 74                       |                          |   |
| Minimum<br>62  | Velocity<br>4 mph  | Reading<br>28.69"        |                          |   |
| Set<br>65      | Character<br>Light | Corrected<br>28.56"      | 0700                     | 1300  |
| Ovnt. Low      | 24 hr. Mov.        | Sea Level<br>29.87"      | Clouds<br>ci 4/10        | Clouds<br>cu 6/10                                 |
| Rel. Humidity  | Precip. Solid      | 3 hr. Tendency<br>↑.35mb | Wx<br>VLFg               | Wx<br>HZ  |
| 87%            | 0.00"              | Observer<br>BI           | Visibility (mi)<br>~20mi | Visibility (mi)<br>~23                            |
| Precip. Liquid | Snow Depth         |                          |                          | 25  |
| 0.00"          | 0.01"              |                          |                          |   |

| Wednesday      |                   | 0700 EST                 | August 2nd 2023       | Meteorological Observatory<br>University Park, PA |
|----------------|-------------------|--------------------------|-----------------------|---|
| Temp. (°F)     | Wind (mph)        | Barom. (in.Hg)           | Temperature           | General Observations                              |
| Maximum<br>76  | Direction<br>SE   | 74                       |                       |   |
| Minimum<br>56  | Velocity<br>2     | Reading<br>29.03"        |                       |   |
| Set<br>59      | Character<br>Calm | Corrected<br>28.9"       | 0700                  | 1300  |
| Ovnt. Low      | 24 hr. Mov.       | Sea Level<br>30.23"      | Clouds<br>cu 2/10     | Clouds<br>cu 4/10                                 |
| Rel. Humidity  | Precip. Solid     | 3 hr. Tendency<br>↑.67mb | Wx<br>—               | Wx<br>—   |
| 79%            | 0.0"              | Observer<br>BI           | Visibility (mi)<br>25 | Visibility (mi)<br>25                             |
| Precip. Liquid | Snow Depth        |                          |                       | 20  |
| 0.00"          | 0.0"              |                          |                       |   |

| Friday         |                    | 0700 EST                   | August 4th 2023        | Meteorological Observatory<br>University Park, PA |
|----------------|--------------------|----------------------------|------------------------|---|
| Temp. (°F)     | Wind (mph)         | Barom. (in.Hg)             | Temperature            | General Observations                              |
| Maximum<br>81  | Direction<br>SSW   | 76                         |                        |   |
| Minimum<br>65  | Velocity<br>5      | Reading<br>28.86"          |                        |   |
| Set<br>68      | Character<br>light | Corrected<br>28.72"        | 0700                   | 1300  |
| Ovnt. Low      | 24 hr. Mov.        | Sea Level<br>30.01"        | Clouds<br>st 9/10      | Clouds<br>cu 6/10                                 |
| Rel. Humidity  | Precip. Solid      | 3 hr. Tendency<br>↑0.34 mb | Wx<br>—                | Wx<br>Fu, alt                                     |
| 90%            | 0.0                | Observer<br>NT             | Visibility (mi)<br>~23 | Visibility (mi)<br>~23                            |
| Precip. Liquid | Snow Depth         |                            |                        | 25  |
| 0.00           | 0.0                |                            |                        |   |

| Sunday         |                    | 0700 EST                   | August 6 2023         | Meteorological Observatory<br>University Park, PA |
|----------------|--------------------|----------------------------|-----------------------|---|
| Temp. (°F)     | Wind (mph)         | Barom. (in.Hg)             | Temperature           | General Observations                              |
| Maximum<br>80  | Direction<br>NE    | 74                         |                       |   |
| Minimum<br>63  | Velocity<br>2      | Reading<br>28.90"          |                       |   |
| Set<br>65      | Character<br>Light | Corrected<br>28.77"        | 0700                  | 1300  |
| Ovnt. Low      | 24 hr. Mov.        | Sea Level<br>30.05"        | Clouds<br>ci 9/10     | Clouds<br>sc                                      |
| Rel. Humidity  | Precip. Solid      | 3 hr. Tendency<br>↑0.33 mb | Wx<br>—               | Wx<br>—   |
| 85%            | 0.01               | Observer<br>HC             | Visibility (mi)<br>25 | Visibility (mi)<br>25                             |
| Precip. Liquid | Snow Depth         |                            |                       |   |
| 0.001"         | 0"                 |                            |                       |   |

| Tuesday        |                    | 0700 EST                   | August 8, 2023        | Meteorological Observatory<br>University Park, PA |
|----------------|--------------------|----------------------------|-----------------------|---|
| Temp. (°F)     | Wind (mph)         | Barom. (in.Hg)             | Temperature           | General Observations                              |
| Maximum<br>82  | Direction<br>SW    | 72                         |                       |   |
| Minimum<br>63  | Velocity<br>13 mph | Reading<br>28.65"          |                       |   |
| Set<br>64      | Character<br>windy | Corrected<br>28.53"        | 0700                  | 1300  |
| Ovnt. Low      | 24 hr. Mov.        | Sea Level<br>29.46"        | Clouds<br>sc 8/10     | Clouds<br>cu 5/10                                 |
| Rel. Humidity  | Precip. Solid      | 3 hr. Tendency<br>↑+1.36mb | Wx<br>—               | Wx<br>—   |
| 78%            | TL(Hail)           | Observer<br>EH             | Visibility (mi)<br>25 | Visibility (mi)<br>25                             |
| Precip. Liquid | Snow Depth         |                            |                       |   |
| 1.16"          | 0"                 |                            |                       |   |

| Thursday       |                     | 0700 EST                    | August 10th 2023     | Meteorological Observatory<br>University Park, PA |
|----------------|---------------------|-----------------------------|----------------------|---|
| Temp. (°F)     | Wind (mph)          | Barom. (in.Hg)              | Temperature          | General Observations                              |
| Maximum<br>82  | Direction<br>SE     | 73                          |                      |   |
| Minimum<br>64  | Velocity<br>8       | Reading<br>28.71"           |                      |   |
| Set<br>64      | Character<br>breezy | Corrected<br>28.58"         | 0700                 | 1300  |
| Ovnt. Low      | 24 hr. Mov.         | Sea Level<br>29.89"         | Clouds<br>10/10      | Clouds<br>cu 2/10                                 |
| Rel. Humidity  | Precip. Solid       | 3 hr. Tendency<br>↑+0.34 mb | Wx<br>+shra          | Wx<br>—   |
| 100%           | 0.00"               | Observer<br>AP              | Visibility (mi)<br>2 | Visibility (mi)<br>17                             |
| Precip. Liquid | Snow Depth          |                             |                      | 25  |
| 0.09"          | 0.0"                |                             |                      |   |

|                            |                           |                     |
|----------------------------|---------------------------|---------------------|
| T <sub>avg</sub> : 67      | T <sub>Roof</sub> : 58/55 | T <sub>w</sub> : 57 |
| HDD: 0                     | T <sub>Unv</sub> : 57/57  | T <sub>d</sub> : 54 |
| ΣHDD: 0                    | MMTS: 76/56/58            |                     |
| CDD: 2                     |                           |                     |
| ΣCDD: 2                    |                           |                     |
|                            |                           |                     |
|                            |                           |                     |
| SPCN <sub>Liq</sub> : 0.00 |                           |                     |
| SPCN <sub>soli</sub> : 0.0 | Date: 08/01/2023          |                     |

|                              |                           |                     |
|------------------------------|---------------------------|---------------------|
| T <sub>avg</sub> : 66        | T <sub>Roof</sub> : 58/54 | T <sub>w</sub> : 57 |
| HDD: 0                       | T <sub>Unv</sub> : 57/57  | T <sub>d</sub> : 54 |
| ΣHDD: 0                      | MMTS: 74/55/57            |                     |
| CDD: 1                       |                           |                     |
| ΣCDD: 3                      |                           |                     |
|                              |                           |                     |
|                              |                           |                     |
| SPCN <sub>Liq</sub> : 0.00 " |                           |                     |
| SPCN <sub>soli</sub> : 0.0 " | Date: 08/02/2023          |                     |

|                              |                           |                     |
|------------------------------|---------------------------|---------------------|
| T <sub>avg</sub> : 68        | T <sub>Roof</sub> : 65/58 | T <sub>w</sub> : 62 |
| HDD: 0                       | T <sub>Unv</sub> : 63/59  | T <sub>d</sub> : 60 |
| ΣHDD: 0                      | MMTS: 75/57/62            |                     |
| CDD: 3                       |                           |                     |
| ΣCDD: 6                      |                           |                     |
|                              |                           |                     |
|                              |                           |                     |
| SPCN <sub>Liq</sub> : 0.00 " |                           |                     |
| SPCN <sub>soli</sub> : 0.0 " | Date: 8/05/2023           |                     |

|                              |                           |                     |
|------------------------------|---------------------------|---------------------|
| T <sub>avg</sub> : 73        | T <sub>Roof</sub> : 67/64 | T <sub>w</sub> : 66 |
| HDD: 0                       | T <sub>Unv</sub> : 66/66  | T <sub>d</sub> : 65 |
| ΣHDD: 0                      | MMTS: 79/66/66            |                     |
| CDD: 8                       |                           |                     |
| ΣCDD: 14                     |                           |                     |
|                              |                           |                     |
|                              |                           |                     |
| SPCN <sub>Liq</sub> : 0.00 " |                           |                     |
| SPCN <sub>soli</sub> : 0.0 " | Date: 8/04/2023           |                     |

|                              |                           |                     |
|------------------------------|---------------------------|---------------------|
| T <sub>avg</sub> : 72        | T <sub>Roof</sub> : 62/61 | T <sub>w</sub> : 63 |
| HDD: 0                       | T <sub>Unv</sub> : 79/61  | T <sub>d</sub> : 61 |
| ΣHDD: 0                      | MMTS: 82/61/62            |                     |
| CDD: 7                       |                           |                     |
| ΣCDD: 21                     |                           |                     |
|                              |                           |                     |
|                              |                           |                     |
| SPCN <sub>Liq</sub> : 0.00 " |                           |                     |
| SPCN <sub>soli</sub> : 0.0 " | Date: 8/15/23             |                     |

|                               |                           |                     |
|-------------------------------|---------------------------|---------------------|
| T <sub>avg</sub> : 72         | T <sub>Roof</sub> : 64/64 | T <sub>w</sub> : 62 |
| HDD: 0                        | T <sub>Unv</sub> : 64/64  | T <sub>d</sub> : 60 |
| ΣHDD: 0                       | MMTS: 79/66/65            |                     |
| CDD: 7                        |                           |                     |
| ΣCDD: 28                      |                           | 67D<br>64W          |
|                               |                           |                     |
|                               |                           |                     |
| SPCN <sub>Liq</sub> : 0.00 "  |                           |                     |
| SPCN <sub>soli</sub> : 0.00 " | Date: 08/06/2023          |                     |

|                             |                           |                     |
|-----------------------------|---------------------------|---------------------|
| T <sub>avg</sub> : 75       | T <sub>Roof</sub> : 72/72 | T <sub>w</sub> : 70 |
| HDD: 0                      | T <sub>Unv</sub> : 72/72  | T <sub>d</sub> : 69 |
| ΣHDD: 0                     | MMTS: 80/64/70            | 74D<br>72W          |
| CDD: 10                     |                           |                     |
| ΣCDD: 38                    |                           |                     |
|                             |                           |                     |
|                             |                           |                     |
| SPCN <sub>Liq</sub> : 0.561 |                           |                     |
| SPCN <sub>soli</sub> : 0.01 | Date: 08/07/2023          |                     |

|  |                           |                     |
|--|---------------------------|---------------------|
| T <sub>avg</sub> : 73                      | T <sub>Roof</sub> : 62/58 | T <sub>w</sub> : 60 |
| HDD: 6                                     | T <sub>Unv</sub> : 63/61  | T <sub>d</sub> : 58 |
| ΣHDD: 6                                    | MMTS: 78/62/63            |                     |
| CDD: 8                                     |                           |                     |
| ΣCDD: 46                                   |                           |                     |
|  |                           |                     |
|  |                           |                     |
| SPCN <sub>Liq</sub> : 1.72 "               |                           |                     |
| SPCN <sub>soli</sub> : T(H <sub>01</sub> ) | Date: 08/08/2023          |                     |

|                              |                           |                     |
|------------------------------|---------------------------|---------------------|
| T <sub>avg</sub> : 70        | T <sub>Roof</sub> : 64/60 | T <sub>w</sub> : 63 |
| HDD: 0                       | T <sub>Unv</sub> : 64/61  | T <sub>d</sub> : 61 |
| ΣHDD: 0                      | MMTS: 77/60/63            |                     |
| CDD: 5                       |                           |                     |
| ΣCDD: 51                     |                           |                     |
|                              |                           |                     |
|                              |                           |                     |
| SPCN <sub>Liq</sub> : 1.72 " |                           |                     |
| SPCN <sub>soli</sub> : T     | Date: 08/09/2023          |                     |

|                              |                           |                     |
|------------------------------|---------------------------|---------------------|
| T <sub>avg</sub> : 73        | T <sub>Roof</sub> : 64/64 | T <sub>w</sub> : 64 |
| HDD: 0                       | T <sub>Unv</sub> : 64/64  | T <sub>d</sub> : 64 |
| ΣHDD: 0                      | MMTS: 80/63/64            |                     |
| CDD: 8                       |                           |                     |
| ΣCDD: 59                     |                           |                     |
|                              |                           |                     |
|                              |                           |                     |
| SPCN <sub>Liq</sub> : 1.81 " |                           |                     |
| SPCN <sub>soli</sub> : T     | Date: 8/10/23             |                     |

| Friday August 11th 2023<br>Meteorological Observations<br>General Observations<br>University Park, PA |               |                |                 |         |                                      |
|---|---------------|----------------|-----------------|---------|--------------------------------------|
| Temp. (°F)  | Wind (mph)    | Barom. (in.Hg) | Temperature     |         |                                      |
| Maximum   | Direction     |                | 74              |         | +SHRA: 0500-0945<br>-SHRA: 0945-1200 |
| 77  | SW            |                |                 |         |                                      |
| Minimum   | Velocity      | Reading        |                 |         |                                      |
| 64  | 6mph          | 28.71"         |                 |         |                                      |
| Set   | Character     | Corrected      |                 |         |                                      |
| 68  | breezy        | 28.59"         | 0700            |         |                                      |
| Ovnt. Low   | 24 hr. Mov.   | Sea Level      | Clouds          | 1300    | 1900                                 |
| 66  | -             | 30.61"         | 3/10 cu         | 5/10 cu | Clouds                               |
| Rel. Humidity   | Precip. Solid | 3 hr. Tendency | Wx              | Wx      | 2/10 c.                              |
| 76%   | 0.0"          | 2.04 mb ↑      | HZ              | -       | -                                    |
| Precip. Liquid  | Snow Depth    | Observer       | Visibility (mi) | 25      | 25                                   |
| 0.64"   | 0"            | EH             | Visibility (mi) | 25      | 25                                   |

| Saturday August 12th 2023<br>Meteorological Observations<br>General Observations<br>University Park, PA |               |                |                 |         |         |
|---|---------------|----------------|-----------------|---------|---------|
| Temp. (°F)  | Wind (mph)    | Barom. (in.Hg) | Temperature     |         |         |
| Maximum   | Direction     |                | 74              |         |         |
| 77  | SW            |                |                 |         |         |
| Minimum   | Velocity      | Reading        |                 |         |         |
| 64  | 6mph          | 28.71"         |                 |         |         |
| Set   | Character     | Corrected      |                 |         |         |
| 68  | breezy        | 28.59"         | 0700            |         |         |
| Ovnt. Low   | 24 hr. Mov.   | Sea Level      | Clouds          | 1300    | 1900    |
| 66  | -             | 30.61"         | 3/10 cu         | 5/10 cu | Clouds  |
| Rel. Humidity   | Precip. Solid | 3 hr. Tendency | Wx              | Wx      | 2/10 c. |
| 76%   | 0.0"          | 2.04 mb ↑      | HZ              | -       | -       |
| Precip. Liquid  | Snow Depth    | Observer       | Visibility (mi) | 25      | 25      |
| 0.64"   | 0"            | EH             | Visibility (mi) | 25      | 25      |

| Sunday August 13th 2023<br>Meteorological Observations<br>General Observations<br>University Park, PA |               |                |                     |                    |                                    |
|---|---------------|----------------|---------------------|--------------------|------------------------------------|
| Temp. (°F)  | Wind (mph)    | Barom. (in.Hg) | Temperature         |                    |                                    |
| Maximum   | Direction     |                | 74                  |                    |                                    |
| 81  | SW            |                |                     |                    | -SHRA: ~1500-1630<br>RA ~1700-0300 |
| Minimum   | Velocity      | Reading        |                     |                    |                                    |
| 68  | 3mph          | 28.68"         |                     |                    |                                    |
| Set   | Character     | Corrected      |                     |                    |                                    |
| 69  | Light         | 28.55"         | 0700                |                    |                                    |
| Ovnt. Low   | 24 hr. Mov.   | Sea Level      | Clouds              | 1300               | 1900                               |
| -   | -             | 29.84"         | St 10/10<br>3/10 cu | St 8/10<br>7/10 cu | Clouds                             |
| Rel. Humidity   | Precip. Solid | 3 hr. Tendency | Wx                  | Wx                 | 6/10 cu<br>As                      |
| 96%   | 0.0           | 1.69 mb ↓      | VLEg                | SHVc               | -                                  |
| Precip. Liquid  | Snow Depth    | Observer       | Visibility (mi)     | 25                 | 25                                 |
| 1.81"   | 0.0           | B1             | Visibility (mi)     | ~10mi              | ~7mi                               |

| Monday August 14th 2023<br>Meteorological Observations<br>General Observations<br>University Park, PA |               |                |                     |         |          |
|---|---------------|----------------|---------------------|---------|----------|
| Temp. (°F)  | Wind (mph)    | Barom. (in.Hg) | Temperature         |         |          |
| Maximum   | Direction     |                | 74                  |         |          |
| 77  | E             |                |                     |         |          |
| Minimum   | Velocity      | Reading        |                     |         |          |
| 64  | 1             | 28.72          |                     |         |          |
| Set   | Character     | Corrected      |                     |         |          |
| 65  | SK11          | 28.59          | 0700                |         |          |
| Ovnt. Low   | 24 hr. Mov.   | Sea Level      | Clouds              | 1300    | 1900     |
| -   | -             | 29.91          | 8/10 cu<br>8/10 str | 7/10 cu | 8/10 str |
| Rel. Humidity   | Precip. Solid | 3 hr. Tendency | Wx                  | Wx      | Wx       |
| 90%   | 0.0"          | ↑ to 100mb     | -                   | -       | -        |
| Precip. Liquid  | Snow Depth    | Observer       | Visibility (mi)     | 25      | 25       |
| 0.00"   | 0.0"          | AP             | Visibility (mi)     | 25      | 25       |

| Tuesday August 15th 2023<br>Meteorological Observations<br>General Observations<br>University Park, PA |               |                |                 |        |                    |
|--|---------------|----------------|-----------------|--------|--------------------|
| Temp. (°F)   | Wind (mph)    | Barom. (in.Hg) | Temperature     |        |                    |
| Maximum  | Direction     |                | 72              |        |                    |
| 72   | W             |                |                 |        | -SHRA: 09:30-10:30 |
| Minimum  | Velocity      | Reading        |                 |        |                    |
| 59   | 6             | 28.97          |                 |        |                    |
| Set  | Character     | Corrected      |                 |        |                    |
| 59   | breezy        | 28.84          | 0700            |        |                    |
| Ovnt. Low  | 24 hr. Mov.   | Sea Level      | Clouds          | 1300   | 1900               |
| -  | -             | 30.18          | 0/10            | Clouds | Clouds             |
| Rel. Humidity  | Precip. Solid | 3 hr. Tendency | Wx              | Wx     | Wx                 |
| 78%  | 0.0           | ↑ 1.135 mb     | -               | -      | -                  |
| Precip. Liquid   | Snow Depth    | Observer       | Visibility (mi) | 25     | 25                 |
| 0.01"  | 0             | AR             | Visibility (mi) | 25     | 25                 |

| Wednesday August 16th 2023<br>Meteorological Observations<br>General Observations<br>University Park, PA |               |                |                 |        |                    |
|--|---------------|----------------|-----------------|--------|--------------------|
| Temp. (°F)   | Wind (mph)    | Barom. (in.Hg) | Temperature     |        |                    |
| Maximum  | Direction     |                | 74              |        |                    |
| 79   | S             |                |                 |        | -SHRA: 03:00-04:00 |
| Minimum  | Velocity      | Reading        |                 |        |                    |
| 63   | 2             | 28.79          |                 |        |                    |
| Set  | Character     | Corrected      |                 |        |                    |
| 64   | light         | 28.66          | 0700            |        |                    |
| Ovnt. Low  | 24 hr. Mov.   | Sea Level      | Clouds          | 1300   | 1900               |
| -  | -             | 29.94          | 9/10 str        | Clouds | Clouds             |
| Rel. Humidity  | Precip. Solid | 3 hr. Tendency | Wx              | Wx     | Wx                 |
| 89%  | 0.0"          | -50            | -               | -      | -                  |
| Precip. Liquid   | Snow Depth    | Observer       | Visibility (mi) | 25     | 25                 |
| 0.02"  | 0"            | AR             | Visibility (mi) | 25     | 25                 |

| Thursday August 17th 2023<br>Meteorological Observations<br>General Observations<br>University Park, PA |               |                |                 |         |         |
|---|---------------|----------------|-----------------|---------|---------|
| Temp. (°F)  | Wind (mph)    | Barom. (in.Hg) | Temperature     |         |         |
| Maximum   | Direction     |                | 74              |         |         |
| 80  | WNW           |                |                 |         |         |
| Minimum   | Velocity      | Reading        |                 |         |         |
| 64  | 3mph          | 28.82"         |                 |         |         |
| Set   | Character     | Corrected      |                 |         |         |
| 66  | Light         | 28.69"         | 0700            |         |         |
| Ovnt. Low   | 24 hr. Mov.   | Sea Level      | Clouds          | 1300    | 1900    |
| -   | -             | 29.99          | 9/10 cu         | 7/10 cu | 7/10 cu |
| Rel. Humidity   | Precip. Solid | 3 hr. Tendency | Wx              | Wx      | Wx      |
| 84%   | 0.0"          | ↑ 1.35 mb      | -               | -       | -       |
| Precip. Liquid  | Snow Depth    | Observer       | Visibility (mi) | 25      | 25      |
| 0.18"   | 0.0"          | B1             | Visibility (mi) | 25      | 25      |

| Friday August 18th 2023<br>Meteorological Observations<br>General Observations<br>University Park, PA |               |                |                 |         |                                   |
|---|---------------|----------------|-----------------|---------|-----------------------------------|
| Temp. (°F)  | Wind (mph)    | Barom. (in.Hg) | Temperature     |         |                                   |
| Maximum   | Direction     |                | 72              |         |                                   |
| 82  | SW            |                |                 |         | -SHRA: 1830-2100<br>RA: 2100-0400 |
| Minimum   | Velocity      | Reading        |                 |         |                                   |
| 61  | 4mph          | 28.68"         |                 |         |                                   |
| Set   | Character     | Corrected      |                 |         |                                   |
| 63  | breezy        | 28.56"         | 0700            |         |                                   |
| Ovnt. Low   | 24 hr. Mov.   | Sea Level      | Clouds          | 1300    | 1900                              |
| -   | -             | 29.86"         | 7/10 str        | 5/10 cu | 8/10 str                          |
| Rel. Humidity   | Precip. Solid | 3 hr. Tendency | Wx              | Wx      | Wx                                |
| 78%   | 0.0"          | ↑ 1.136 mb     | -               | -       | -                                 |
| Precip. Liquid  | Snow Depth    | Observer       | Visibility (mi) | 24      | 25                                |
| 0.44"   | 0.0"          | EH             | Visibility (mi) | 24      | 25                                |

| Saturday August 19th 2023<br>Meteorological Observations<br>General Observations<br>University Park, PA |               |                |                 |        |        |
|---|---------------|----------------|-----------------|--------|--------|
| Temp. (°F)  | Wind (mph)    | Barom. (in.Hg) | Temperature     |        |        |
| Maximum   | Direction     |                | 72              |        |        |
| 76  | -             |                |                 |        |        |
| Minimum   | Velocity      | Reading        |                 |        |        |
| 56  | 0             | -              |                 |        |        |
| Set   | Character     | Corrected      |                 |        |        |
| 58  | CHM1          | -              | 0700            |        |        |
| Ovnt. Low   | 24 hr. Mov.   | Sea Level      | Clouds          | 1300   | 1900   |
| -   | -             | 30.18          | 1/10 c.         | Clouds | Clouds |
| Rel. Humidity   | Precip. Solid | 3 hr. Tendency | Wx              | Wx     | Wx     |
| 92%   | 0.01"         | ↑ 1.635 mb     | CU              | Wx     | Wx     |
| Precip. Liquid  | Snow Depth    | Observer       | Visibility (mi) | 15     | 15 mi. |
| 0.001"  | 0.01"         | HC             | Visibility (mi) | 15     | 15 mi. |

| Sunday August 20th 2023<br>Meteorological Observations<br>General Observations<br>University Park, PA |               |                |                 |        |        |
|---|---------------|----------------|-----------------|--------|--------|
| Temp. (°F)  | Wind (mph)    | Barom. (in.Hg) | Temperature     |        |        |
| Maximum   | Direction     |                | 72              |        |        |
| 76  | -             |                |                 |        |        |
| Minimum   | Velocity      | Reading        |                 |        |        |
| 56  | 0             | -              |                 |        |        |
| Set   | Character     | Corrected      |                 |        |        |
| 58  | CHM1          | -              | 0700            |        |        |
| Ovnt. Low   | 24 hr. Mov.   | Sea Level      | Clouds          | 1300   | 1900   |
| -   | -             | 30.18          | 1/10 c.         | Clouds | Clouds |
| Rel. Humidity   | Precip. Solid | 3 hr. Tendency | Wx              | Wx     | Wx     |
| 92%   | 0.01"         | ↑ 1.635 mb     | CU              | Wx     | Wx     |
| Precip. Liquid  | Snow Depth    | Observer       | Visibility (mi) | 15     | 15 mi. |
| 0.001"  | 0.01"         | HC             | Visibility (mi) | 15     | 15 mi. |

|                                |                           |                     |
|--------------------------------|---------------------------|---------------------|
| TAVG: 71                       | T <sub>Roof</sub> : 68/62 | T <sub>w</sub> : 64 |
| HDD: 0                         | T <sub>UNV</sub> : 66/63  | T <sub>D</sub> : 62 |
| SHDD: 0                        | MMTS: 76/64/67            |                     |
| CDD: 6                         |                           |                     |
| SCDD: 65                       |                           |                     |
| SPCN <sub>Liq</sub> : 2.45"    |                           |                     |
| SPCN <sub>sol</sub> : T (Hall) |                           |                     |
| Date: 08/11/2023               |                           |                     |

|                                |                           |                     |
|--------------------------------|---------------------------|---------------------|
| TAVG: 71                       | T <sub>Roof</sub> : 63/61 | T <sub>w</sub> : 62 |
| HDD: 0                         | T <sub>UNV</sub> : 64/64  | T <sub>D</sub> : 61 |
| SHDD: 0                        | MMTS: 78/62/62            |                     |
| CDD: 6                         |                           |                     |
| SCDD: 71                       |                           |                     |
| SPCN <sub>Liq</sub> : 2.47"    |                           |                     |
| SPCN <sub>sol</sub> : T (Hall) |                           |                     |
| Date: 8/12/23                  |                           |                     |

|                             |                           |                     |
|-----------------------------|---------------------------|---------------------|
| TAVG: 74                    | T <sub>Roof</sub> : 68/64 | T <sub>w</sub> : 66 |
| HDD: 0                      | T <sub>UNV</sub> : 70/68  | T <sub>D</sub> : 65 |
| SHDD: 0                     | MMTS: 83/64/68            |                     |
| CDD: 9                      |                           | 720                 |
| SCDD: 80                    |                           | 69W                 |
| SPCN <sub>Liq</sub> : 2.97" |                           |                     |
| SPCN <sub>sol</sub> : T     |                           |                     |
| Date: 08/13/2023            |                           |                     |

|                                |                           |                     |
|--------------------------------|---------------------------|---------------------|
| TAVG: 74                       | T <sub>Roof</sub> : 66/63 | T <sub>w</sub> : 65 |
| HDD: 0                         | T <sub>UNV</sub> : 66/66  | T <sub>D</sub> : 63 |
| SHDD: 0                        | MMTS: 80/66/67            |                     |
| CDD: 9                         |                           | W67                 |
| SCDD: 89                       |                           | 071                 |
| SPCN <sub>Liq</sub> : 2.97"    |                           |                     |
| SPCN <sub>sol</sub> : T (Hall) |                           |                     |
| Date: 08/14/2023               |                           |                     |

|                             |                           |                     |
|-----------------------------|---------------------------|---------------------|
| TAVG: 75                    | T <sub>Roof</sub> : 67/66 | T <sub>w</sub> : 68 |
| HDD: 0                      | T <sub>UNV</sub> : 68/68  | T <sub>D</sub> : 68 |
| SHDD: 0                     | MMTS: 80/67/67            |                     |
| CDD: 10                     |                           |                     |
| SCDD: 99                    |                           |                     |
| SPCN <sub>Liq</sub> : 4.78" |                           |                     |
| SPCN <sub>sol</sub> : T     |                           |                     |
| Date: 08/15/23              |                           |                     |

|                             |                           |                     |
|-----------------------------|---------------------------|---------------------|
| TAVG: 72                    | T <sub>Roof</sub> : 66/62 | T <sub>w</sub> : 65 |
| HDD: 0                      | T <sub>UNV</sub> : 63/63  | T <sub>D</sub> : 63 |
| SHDD: 0                     | MMTS: 79/63/65            |                     |
| CDD: 7                      |                           |                     |
| SCDD: 106                   |                           |                     |
| SPCN <sub>Liq</sub> : 4.96" |                           |                     |
| SPCN <sub>sol</sub> : T     |                           |                     |
| Date: 08/16/2023            |                           |                     |

|                             |                           |                     |
|-----------------------------|---------------------------|---------------------|
| TAVG: 71                    | T <sub>Roof</sub> : 64/61 | T <sub>w</sub> : 63 |
| HDD: 0                      | T <sub>UNV</sub> : 63/63  | T <sub>D</sub> : 62 |
| SHDD: 0                     | MMTS: 76/62/63            |                     |
| CDD: 6                      |                           |                     |
| SCDD: 112                   |                           |                     |
| SPCN <sub>Liq</sub> : 4.96" |                           |                     |
| SPCN <sub>sol</sub> : T     |                           |                     |
| Date: 8/17/23               |                           |                     |

|                                |                           |                     |
|--------------------------------|---------------------------|---------------------|
| TAVG: 72                       | T <sub>Roof</sub> : 63/58 | T <sub>w</sub> : 60 |
| HDD: 0                         | T <sub>UNV</sub> : 63/57  | T <sub>D</sub> : 58 |
| SHDD: 0                        | MMTS: 81/60/63            |                     |
| CDD: 7                         |                           |                     |
| SCDD: 118                      |                           |                     |
| SPCN <sub>Liq</sub> : 5.40"    |                           |                     |
| SPCN <sub>sol</sub> : T (Hall) |                           |                     |
| Date: 08/18/2023               |                           |                     |

|                                |                           |                     |
|--------------------------------|---------------------------|---------------------|
| TAVG: 65                       | T <sub>Roof</sub> : 59/52 | T <sub>w</sub> : 55 |
| HDD: 0                         | T <sub>UNV</sub> : 57/50  | T <sub>D</sub> : 52 |
| SHDD: 0                        | MMTS: 71/57/58            |                     |
| CDD: 0                         |                           |                     |
| SCDD: 119                      |                           |                     |
| SPCN <sub>Liq</sub> : 5.41"    |                           |                     |
| SPCN <sub>sol</sub> : T (Hall) |                           |                     |
| Date: 8/19/23                  |                           |                     |

|                                |                           |                     |
|--------------------------------|---------------------------|---------------------|
| TAVG: 66                       | T <sub>Roof</sub> : 58/55 | T <sub>w</sub> : 55 |
| HDD: 0                         | T <sub>UNV</sub> : 57/57  | T <sub>D</sub> : 55 |
| SHDD: 0                        | MMTS: 75/56/57            |                     |
| CDD: 1                         |                           |                     |
| SCDD: 120                      |                           |                     |
| SPCN <sub>Liq</sub> : 5.41"    |                           |                     |
| SPCN <sub>sol</sub> : T (Hall) |                           |                     |
| Date: 08/20/2023               |                           |                     |

UNV PRESSURE  
30184

| Monday August 21, 2023                            |               |                 |                       |                       |
|---|---------------|-----------------|-----------------------|-----------------------|
| Meteorological Observatory<br>University Park, PA |               |                 |                       |                       |
| Temp. (°F)  | Wind (mph)    | Barom. (in. Hg) | General Observations  |                       |
| Maximum   | Direction     | Temperature     |                       |                       |
| 81  | S             | 74              |                       |                       |
| Minimum   | Velocity      | Reading         |                       |                       |
| 58  | 1 mph         | 28.95           |                       |                       |
| Set   | Character     | Corrected       |                       |                       |
| 70  | light         | 28.82           | 0700                  | 1300                  |
| Ovrt. Low   | 24 hr. Mov.   | Sea Level       | Clouds 5t             | Clouds 6/10 cu        |
| 66  | —             | 30.12           | Clouds 7/10 Ac        | Clouds 6/10 cu        |
| Rel. Humidity                                     | Precip. Solid | 3 hr. Tendancy  | Wx                    | Wx                    |
| 73%   | 0.0"          | 0.677           | —                     | —                     |
| Precip. Liquid                                    | Snow Depth    | Observer        | Visibility (mi) 2.0mi | Visibility (mi) 2.5mi |
| 0.00"   | 0"            | LPD             | Visibility (mi) 2.5mi | Visibility (mi) 2.3   |

| Tuesday August 22, 2023                           |               |                 |                      |                     |
|---|---------------|-----------------|----------------------|---------------------|
| Meteorological Observatory<br>University Park, PA |               |                 |                      |                     |
| Temp. (°F)  | Wind (mph)    | Barom. (in. Hg) | General Observations |                     |
| Maximum   | Direction     | Temperature     |                      |                     |
| 86  | NE            | 72              |                      |                     |
| Minimum   | Velocity      | Reading         |                      |                     |
| 63  | 3             | 29.09           |                      |                     |
| Set   | Character     | Corrected       |                      |                     |
| 64  | light         | 28.96           | 0700                 | 1300                |
| Ovrt. Low   | 24 hr. Mov.   | Sea Level       | Clouds 4/10          | Clouds 2/10 Ac      |
| —   | —             | 30.27           | Clouds 2/10 Ac       | Clouds 2/10 ci      |
| Rel. Humidity                                     | Precip. Solid | 3 hr. Tendancy  | Wx                   | Wx                  |
| 70%   | 0.0"          | 1.102           | —                    | —                   |
| Precip. Liquid                                    | Snow Depth    | Observer        | Visibility (mi) 2.5  | Visibility (mi) 2.5 |
| 0.00"   | 0"            | UT              | Visibility (mi) 2.5  | Visibility (mi) 2.5 |

| Wednesday August 23, 2023                         |               |                 |                      |                     |
|---|---------------|-----------------|----------------------|---------------------|
| Meteorological Observatory<br>University Park, PA |               |                 |                      |                     |
| Temp. (°F)  | Wind (mph)    | Barom. (in. Hg) | General Observations |                     |
| Maximum   | Direction     | Temperature     |                      |                     |
| 75  | SW            | 74              |                      |                     |
| Minimum   | Velocity      | Reading         |                      |                     |
| 56  | 5 mph         | 29.09"          |                      |                     |
| Set   | Character     | Corrected       |                      |                     |
| 59  | breezy        | 28.97"          | 0700                 | 1300                |
| Ovrt. Low   | 24 hr. Mov.   | Sea Level       | Clouds AS            | Clouds 5t           |
| —   | —             | 30.93"          | Clouds 7/10 cs       | Clouds 9/10 st      |
| Rel. Humidity                                     | Precip. Solid | 3 hr. Tendancy  | Wx                   | Wx                  |
| 81%   | 0.011         | 1.136mb         | —                    | —                   |
| Precip. Liquid                                    | Snow Depth    | Observer        | Visibility (mi) 2.5  | Visibility (mi) 2.5 |
| 0.00"   | 0"            | EH              | Visibility (mi) 2.5  | Visibility (mi) 2.5 |

| Thursday August 24, 2023                          |               |                 |                      |                        |
|---|---------------|-----------------|----------------------|------------------------|
| Meteorological Observatory<br>University Park, PA |               |                 |                      |                        |
| Temp. (°F)  | Wind (mph)    | Barom. (in. Hg) | General Observations |                        |
| Maximum   | Direction     | Temperature     |                      |                        |
| 69  | SSW           | 74              |                      |                        |
| Minimum   | Velocity      | Reading         |                      |                        |
| 59  | 5 mph         | 28.86           |                      |                        |
| Set   | Character     | Corrected       |                      |                        |
| 67  | Breezy        | 28.73           | 0700                 | 1300                   |
| Ovrt. Low   | 24 hr. Mov.   | Sea Level       | Clouds AS            | Clouds 8/10 sc         |
| 63  | —             | 30.03"          | Clouds 9/10          | Clouds 7/10 st         |
| Rel. Humidity                                     | Precip. Solid | 3 hr. Tendancy  | Wx                   | Wx                     |
| 82%   | 0.0"          | 1.67mb          | —                    | —                      |
| Precip. Liquid                                    | Snow Depth    | Observer        | Visibility (mi) 2.5  | Visibility (mi) 2.5 mi |
| 0.03"   | 0.0"          | B1              | Visibility (mi) 2.5  | Visibility (mi) 2.0    |

| Friday August 25, 2023                            |               |                 |                      |                     |
|---|---------------|-----------------|----------------------|---------------------|
| Meteorological Observatory<br>University Park, PA |               |                 |                      |                     |
| Temp. (°F)  | Wind (mph)    | Barom. (in. Hg) | General Observations |                     |
| Maximum   | Direction     | Temperature     |                      |                     |
| 78  | SW            | 74              |                      |                     |
| Minimum   | Velocity      | Reading         |                      |                     |
| 67  | 4             | 28.62           |                      |                     |
| Set   | Character     | Corrected       |                      |                     |
| 69  | calm          | 28.49           | 0700                 | 1300                |
| Ovrt. Low   | 24 hr. Mov.   | Sea Level       | Clouds ci            | Clouds cu           |
| 68  | —             | 29.78           | Clouds 9/10 sc       | Clouds 8/10 st      |
| Rel. Humidity                                     | Precip. Solid | 3 hr. Tendancy  | Wx                   | Wx                  |
| 95%   | 0.0           | 1.053mb         | —                    | —                   |
| Precip. Liquid                                    | Snow Depth    | Observer        | Visibility (mi) 2.0  | Visibility (mi) 2.5 |
| 1.00"   | 0.0           | AP              | Visibility (mi) 2.5  | Visibility (mi) 2.5 |

| Saturday August 26, 2023                          |               |                 |                      |                     |
|---|---------------|-----------------|----------------------|---------------------|
| Meteorological Observatory<br>University Park, PA |               |                 |                      |                     |
| Temp. (°F)  | Wind (mph)    | Barom. (in. Hg) | General Observations |                     |
| Maximum   | Direction     | Temperature     |                      |                     |
| 82  | W             | 74              |                      |                     |
| Minimum   | Velocity      | Reading         |                      |                     |
| 69  | 3             | 28.65           |                      |                     |
| Set   | Character     | Corrected       |                      |                     |
| 69  | calm          | 28.52           | 0700                 | 1300                |
| Ovrt. Low   | 24 hr. Mov.   | Sea Level       | Clouds 6/10          | Clouds 3/10 cu      |
| —   | —             | 29.82           | Clouds 6/10          | Clouds 3/10 cu      |
| Rel. Humidity                                     | Precip. Solid | 3 hr. Tendancy  | Wx                   | Wx                  |
| 87%   | 0.0           | 1.02mb          | —                    | —                   |
| Precip. Liquid                                    | Snow Depth    | Observer        | Visibility (mi) 2.5  | Visibility (mi) 2.5 |
| 0.0"  | 0.0           | SL              | Visibility (mi) 2.5  | Visibility (mi) 2.5 |

| Sunday August 27, 2023                            |               |                 |                      |                       |
|---|---------------|-----------------|----------------------|-----------------------|
| Meteorological Observatory<br>University Park, PA |               |                 |                      |                       |
| Temp. (°F)  | Wind (mph)    | Barom. (in. Hg) | General Observations |                       |
| Maximum   | Direction     | Temperature     |                      |                       |
| 79  | NW            | 74              |                      |                       |
| Minimum   | Velocity      | Reading         |                      |                       |
| 64  | 3             | 28.85"          |                      |                       |
| Set   | Character     | Corrected       |                      |                       |
| 65  | light         | 28.72           | 0700                 | 1300                  |
| Ovrt. Low   | 24 hr. Mov.   | Sea Level       | Clouds 5sc           | Clouds 3/10 cu        |
| —   | —             | 30.01           | Clouds 1/10 Ac       | Clouds 3/10 cu        |
| Rel. Humidity                                     | Precip. Solid | 3 hr. Tendancy  | Wx                   | Wx                    |
| 80%   | 0.0"          | 1.1mb           | —                    | —                     |
| Precip. Liquid                                    | Snow Depth    | Observer        | Visibility (mi) 2.0  | Visibility (mi) 2.5mi |
| 0.00"   | 0"            | HC              | Visibility (mi) 2.0  | Visibility (mi) 2.5mi |

| Monday August 28, 2023                            |               |                 |                       |                       |
|---|---------------|-----------------|-----------------------|-----------------------|
| Meteorological Observatory<br>University Park, PA |               |                 |                       |                       |
| Temp. (°F)  | Wind (mph)    | Barom. (in. Hg) | General Observations  |                       |
| Maximum   | Direction     | Temperature     |                       |                       |
| 79  | NW            | 75              |                       |                       |
| Minimum   | Velocity      | Reading         |                       |                       |
| 64  | 1 mph         | 28.88           |                       |                       |
| Set   | Character     | Corrected       |                       |                       |
| 66  | light         | 28.75           | 0700                  | 1300                  |
| Ovrt. Low   | 24 hr. Mov.   | Sea Level       | Clouds 10/10 sc       | Clouds 2/10 cu        |
| —   | —             | 30.06           | Clouds 10/10 sc       | Clouds 4/10 cu        |
| Rel. Humidity                                     | Precip. Solid | 3 hr. Tendancy  | Wx                    | Wx                    |
| 80%   | 0.0"          | 1.033           | —                     | —                     |
| Precip. Liquid                                    | Snow Depth    | Observer        | Visibility (mi) 2.5mi | Visibility (mi) 2.5mi |
| 0.00"   | 0"            | KLP             | Visibility (mi) 2.5mi | Visibility (mi) 2.5mi |

| Tuesday August 29, 2023                           |               |                 |                       |                       |
|---|---------------|-----------------|-----------------------|-----------------------|
| Meteorological Observatory<br>University Park, PA |               |                 |                       |                       |
| Temp. (°F)  | Wind (mph)    | Barom. (in. Hg) | General Observations  |                       |
| Maximum   | Direction     | Temperature     |                       |                       |
| 77  | E             | 74              |                       |                       |
| Minimum   | Velocity      | Reading         |                       |                       |
| 65  | 2             | 28.88           |                       |                       |
| Set   | Character     | Corrected       |                       |                       |
| 68  | light         | 28.75           | 0700                  | 1300                  |
| Ovrt. Low   | 24 hr. Mov.   | Sea Level       | Clouds 6/10           | Clouds 10/10 sc       |
| —   | —             | 30.05           | Clouds 6/10           | Clouds 10/10 sc       |
| Rel. Humidity                                     | Precip. Solid | 3 hr. Tendancy  | Wx                    | Wx                    |
| 82%   | 0.0"          | 0.00mb          | —                     | —                     |
| Precip. Liquid                                    | Snow Depth    | Observer        | Visibility (mi) 2.0mi | Visibility (mi) 2.5mi |
| —   | 0"            | UT              | Visibility (mi) 2.0mi | Visibility (mi) 2.5mi |

| Wednesday August 30, 2023                         |               |                 |                      |                     |
|---|---------------|-----------------|----------------------|---------------------|
| Meteorological Observatory<br>University Park, PA |               |                 |                      |                     |
| Temp. (°F)  | Wind (mph)    | Barom. (in. Hg) | General Observations |                     |
| Maximum   | Direction     | Temperature     |                      |                     |
| 74  | S             | 74              |                      |                     |
| Minimum   | Velocity      | Reading         |                      |                     |
| 64  | 2 mph         | 28.67"          |                      |                     |
| Set   | Character     | Corrected       |                      |                     |
| 65  | calm          | 28.55"          | 0700                 | 1300                |
| Ovrt. Low   | 24 hr. Mov.   | Sea Level       | Clouds 5c            | Clouds 7/10 cu      |
| —   | —             | 29.48"          | Clouds 7/10 cu       | Clouds 4/10 st      |
| Rel. Humidity                                     | Precip. Solid | 3 hr. Tendancy  | Wx                   | Wx                  |
| 93%   | 0.011         | 1.17mb          | —                    | —                   |
| Precip. Liquid                                    | Snow Depth    | Observer        | Visibility (mi) 2.5  | Visibility (mi) 2.5 |
| 0.2911  | 0.11          | EH              | Visibility (mi) 2.5  | Visibility (mi) 2.5 |

|                       |     |                     |          |                  |            |
|-----------------------|-----|---------------------|----------|------------------|------------|
| TAVG:                 | 70  | T <sub>Roof</sub> : | 69/63    | T <sub>w</sub> : | 67         |
| HDD:                  | 0   | T <sub>TUNV</sub> : | 68/64    | T <sub>D</sub> : | 63         |
| SHDD:                 | 0   | MMTS:               | 80/57/69 |                  |            |
| CDD:                  | 5   |                     |          |                  |            |
| SCDD:                 | 425 |                     |          |                  |            |
| SPCN <sub>Liq</sub> : |     | 5.41"               |          |                  |            |
| SPCN <sub>sol</sub> : |     | T (hail)            |          | Date:            | 08/21/2023 |

|                       |     |                     |          |                  |            |
|-----------------------|-----|---------------------|----------|------------------|------------|
| TAVG:                 | 60  | T <sub>Roof</sub> : | 59/54    | T <sub>w</sub> : | 56         |
| HDD:                  | 0   | T <sub>TUNV</sub> : | 55/55    | T <sub>D</sub> : | 54         |
| SHDD:                 | 0   | MMTS:               | 74/55/58 |                  |            |
| CDD:                  | 1   |                     |          |                  |            |
| SCDD:                 | 136 |                     |          |                  |            |
| SPCN <sub>Liq</sub> : |     | 5.41"               |          |                  |            |
| SPCN <sub>sol</sub> : |     | T (Hail)            |          | Date:            | 08/23/2023 |

|                       |     |                     |          |                  |          |
|-----------------------|-----|---------------------|----------|------------------|----------|
| TAVG:                 | 73  | T <sub>Roof</sub> : | 68/67    | T <sub>w</sub> : | 68       |
| HDD:                  | 0   | T <sub>TUNV</sub> : | 68/68    | T <sub>D</sub> : | 68       |
| SHDD:                 | 1   | MMTS:               | 70/66/68 |                  |          |
| CDD:                  | 8   |                     |          |                  |          |
| SCDD:                 | 244 |                     |          |                  |          |
| SPCN <sub>Liq</sub> : |     | 6.44"               |          |                  |          |
| SPCN <sub>sol</sub> : |     | T                   |          | Date:            | 08/25/23 |

|                       |      |                     |          |                  |          |
|-----------------------|------|---------------------|----------|------------------|----------|
| TAVG:                 | 720  | T <sub>Roof</sub> : | 63/62    | T <sub>w</sub> : | 610      |
| HDD:                  | 0    | T <sub>TUNV</sub> : | 63/63    | T <sub>D</sub> : | 590      |
| SHDD:                 | 1    | MMTS:               | 78/63/63 |                  |          |
| CDD:                  | 7    |                     |          |                  | 63W      |
| SCDD:                 | 5162 |                     |          |                  | 67D      |
| SPCN <sub>Liq</sub> : |      | 6.44"               |          |                  |          |
| SPCN <sub>sol</sub> : |      | T                   |          | Date:            | 08/27/23 |

|                       |     |                     |          |                  |            |
|-----------------------|-----|---------------------|----------|------------------|------------|
| TAVG:                 | 71  | T <sub>Roof</sub> : | 68/64    | T <sub>w</sub> : | 66         |
| HDD:                  | 0   | T <sub>TUNV</sub> : | 66/66    | T <sub>D</sub> : | 64         |
| SHDD:                 | 1   | MMTS:               | 75/64/67 |                  |            |
| CDD:                  | 6   |                     |          |                  |            |
| SCDD:                 | 175 |                     |          |                  |            |
| SPCN <sub>Liq</sub> : |     | 6.44"               |          |                  |            |
| SPCN <sub>sol</sub> : |     | T (hail)            |          | Date:            | 08/29/2023 |

|                       |      |                     |          |                  |            |
|-----------------------|------|---------------------|----------|------------------|------------|
| TAVG:                 | 75   | T <sub>Roof</sub> : | 64/54    | T <sub>w</sub> : | 58         |
| HDD:                  | 0    | T <sub>TUNV</sub> : | 63/52    | T <sub>D</sub> : | 54         |
| SHDD:                 | 0    | MMTS:               | 85/62/62 |                  |            |
| CDD:                  | 10   |                     |          |                  |            |
| SCDD:                 | 9135 |                     |          |                  |            |
| SPCN <sub>Liq</sub> : |      | 5.41"               |          |                  |            |
| SPCN <sub>sol</sub> : |      | T (hail)            |          | Date:            | 08/22/2023 |

|                       |     |                     |          |                  |            |
|-----------------------|-----|---------------------|----------|------------------|------------|
| TAVG:                 | 64  | T <sub>Roof</sub> : | 66/59    | T <sub>w</sub> : | 64         |
| HDD:                  | 1   | T <sub>TUNV</sub> : | 63/63    | T <sub>D</sub> : | 62         |
| SHDD:                 | 1   | MMTS:               | 68/58/66 |                  |            |
| CDD:                  | 0   |                     |          |                  |            |
| SCDD:                 | 136 |                     |          |                  |            |
| SPCN <sub>Liq</sub> : |     | 5.44"               |          |                  |            |
| SPCN <sub>sol</sub> : |     | T                   |          | Date:            | 08/24/2023 |

|                       |     |                     |          |                  |         |
|-----------------------|-----|---------------------|----------|------------------|---------|
| TAVG:                 | 76  | T <sub>Roof</sub> : | 69/65    | T <sub>w</sub> : | 66      |
| HDD:                  | 0   | T <sub>TUNV</sub> : | 70/68    | T <sub>D</sub> : | 65      |
| SHDD:                 | 1   | MMTS:               | 81/58/58 |                  |         |
| CDD:                  | 11  |                     |          |                  |         |
| SCDD:                 | 155 |                     |          |                  |         |
| SPCN <sub>Liq</sub> : |     | 6.44"               |          |                  |         |
| SPCN <sub>sol</sub> : |     | T                   |          | Date:            | 8/26/23 |

|                       |     |                     |          |                  |            |
|-----------------------|-----|---------------------|----------|------------------|------------|
| TAVG:                 | 72  | T <sub>Roof</sub> : | 60/61    | T <sub>w</sub> : | 64         |
| HDD:                  | 0   | T <sub>TUNV</sub> : | 64/61    | T <sub>D</sub> : | 61         |
| SHDD:                 | 1   | MMTS:               | 78/62/65 |                  |            |
| CDD:                  | 7   |                     |          |                  |            |
| SCDD:                 | 169 |                     |          |                  |            |
| SPCN <sub>Liq</sub> : |     | 6.44"               |          |                  |            |
| SPCN <sub>sol</sub> : |     | T (hail)            |          | Date:            | 08/28/2023 |

|                       |     |                     |          |                  |            |
|-----------------------|-----|---------------------|----------|------------------|------------|
| TAVG:                 | 69  | T <sub>Roof</sub> : | 64/62    | T <sub>w</sub> : | 63         |
| HDD:                  | 0   | T <sub>TUNV</sub> : | 64/63    | T <sub>D</sub> : | 62         |
| SHDD:                 | 1   | MMTS:               | 73/63/64 |                  |            |
| CDD:                  | 4   |                     |          |                  |            |
| SCDD:                 | 174 |                     |          |                  |            |
| SPCN <sub>Liq</sub> : |     | 6.73"               |          |                  |            |
| SPCN <sub>sol</sub> : |     | T (hail)            |          | Date:            | 08/30/2023 |

| Thursday 0700 EST       |                       | August 31st 2023          |                       |                 |                 |  |
|-------------------------|-----------------------|---------------------------|-----------------------|-----------------|-----------------|--|
| Temp. (°F)              | Wind (mph)            | Barom. (in.Hg)            | General Observations  |                 |                 |  |
| Maximum<br>75           | Direction<br>ENE      | Temperature<br>72         |                       |                 |                 |  |
| Minimum<br>57           | Velocity<br>2mph      | Reading<br>28.8"          |                       |                 |                 |  |
| Set<br>58               | Character<br>Light    | Corrected<br>28.675"      | 0700                  | 1300            | 1900            |  |
| Ovnt. Low<br>—          | 24 hr. Mov.<br>—      | Sea Level<br>30.005"      | Clouds<br>CS          | Clouds          | Clouds          |  |
| Rel. Humidity<br>78%    | Precip. Solid<br>0.0" | 3 hr. Tendency<br>/ 2.37m | Wx<br>—               | Wx              | Wx              |  |
| Precip. Liquid<br>0.00" | Snow Depth<br>0.0"    | Observer<br>B1            | Visibility (mi)<br>25 | Visibility (mi) | Visibility (mi) |  |

|                             |                            |                     |
|-----------------------------|----------------------------|---------------------|
| Tavg: 66                    | T <sub>Roof</sub> : 58/54  | T <sub>w</sub> : 56 |
| HDD: 0                      | T <sub>Unv</sub> : 57/52   | T <sub>p</sub> : 53 |
| SHDD: 1                     | MMTS: 74/57/57             |                     |
| CDD: 1                      |                            |                     |
| SCDD: 150                   | ADD: 75MAS                 |                     |
|                             | T <sub>max</sub> : 78.8°F  |                     |
|                             | T <sub>min</sub> : 62.2°F  |                     |
|                             | T <sub>avg</sub> : 70.52°F |                     |
|                             | +0.76°F                    |                     |
| SPCN <sub>liq</sub> : 6.73" |                            |                     |
| SPCN <sub>sol</sub> : T     |                            |                     |
|                             | Date: 08/31/2023           |                     |