

| Date    | Time   | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | Bar    | Rain | Rain<br>Rate | Heat<br>D-D | Cool<br>D-D | In<br>Temp |
|---------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 7/07/17 | 12:30a | 17.7        | 17.7       | 17.6        | 96         | 17.0       | 0.0           | NNW         | 0.00        | 4.8         | NE        | 17.7          | 18.2          | 18.2         | 1014.8 | 0.00 | 0.0          | 0.014       | 0.000       | 22.3       |
| 7/07/17 | 1:00a  | 17.7        | 17.7       | 17.7        | 97         | 17.2       | 0.0           | NE          | 0.00        | 4.8         | NE        | 17.7          | 18.2          | 18.2         | 1014.6 | 0.00 | 0.0          | 0.014       | 0.000       | 22.4       |
| 7/07/17 | 1:30a  | 17.4        | 17.7       | 17.4        | 94         | 16.4       | 0.0           | ENE         | 0.00        | 4.8         | WSW       | 17.4          | 17.8          | 17.8         | 1014.4 | 0.76 | 3.0          | 0.020       | 0.000       | 22.3       |
| 7/07/17 | 2:00a  | 17.1        | 17.4       | 17.1        | 95         | 16.2       | 0.0           | W           | 0.00        | 3.2         | W         | 17.1          | 17.5          | 17.5         | 1013.8 | 0.00 | 0.0          | 0.027       | 0.000       | 22.3       |
| 7/07/17 | 2:30a  | 16.7        | 17.1       | 16.7        | 96         | 16.1       | 0.0           | NNE         | 0.00        | 3.2         | NNE       | 16.7          | 17.1          | 17.1         | 1013.4 | 0.00 | 0.0          | 0.034       | 0.000       | 22.3       |
| 7/07/17 | 3:00a  | 16.5        | 16.8       | 16.5        | 96         | 15.9       | 0.0           | E           | 0.00        | 1.6         | ENE       | 16.5          | 16.9          | 16.9         | 1013.1 | 0.00 | 0.0          | 0.038       | 0.000       | 22.3       |
| 7/07/17 | 3:30a  | 16.8        | 16.8       | 16.5        | 97         | 16.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 16.8          | 17.3          | 17.3         | 1012.9 | 0.00 | 0.0          | 0.031       | 0.000       | 22.3       |
| 7/07/17 | 4:00a  | 16.4        | 16.8       | 16.4        | 97         | 15.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 16.4          | 16.8          | 16.8         | 1013.0 | 0.00 | 0.0          | 0.041       | 0.000       | 22.2       |
| 7/07/17 | 4:30a  | 16.1        | 16.4       | 16.1        | 98         | 15.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 16.1          | 16.4          | 16.4         | 1012.8 | 0.00 | 0.0          | 0.047       | 0.000       | 22.2       |
| 7/07/17 | 5:00a  | 16.2        | 16.2       | 16.1        | 98         | 15.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 16.2          | 16.6          | 16.6         | 1012.9 | 0.00 | 0.0          | 0.044       | 0.000       | 22.2       |
| 7/07/17 | 5:30a  | 16.4        | 16.4       | 16.2        | 98         | 16.1       | 0.0           | NE          | 0.00        | 3.2         | NE        | 16.4          | 16.8          | 16.8         | 1012.9 | 0.00 | 0.0          | 0.041       | 0.000       | 22.1       |
| 7/07/17 | 6:00a  | 16.5        | 16.5       | 16.4        | 98         | 16.2       | 0.0           | NE          | 0.00        | 1.6         | NE        | 16.5          | 16.9          | 16.9         | 1013.3 | 0.00 | 0.0          | 0.038       | 0.000       | 22.1       |
| 7/07/17 | 6:30a  | 16.7        | 16.7       | 16.5        | 97         | 16.2       | 0.0           | N           | 0.00        | 3.2         | NNW       | 16.7          | 17.2          | 17.2         | 1013.5 | 0.00 | 0.0          | 0.034       | 0.000       | 22.1       |
| 7/07/17 | 7:00a  | 17.2        | 17.2       | 16.7        | 98         | 16.8       | 0.0           | NNE         | 0.00        | 1.6         | N         | 17.2          | 17.7          | 17.7         | 1013.8 | 0.00 | 0.0          | 0.024       | 0.000       | 22.2       |
| 7/07/17 | 7:30a  | 17.6        | 17.6       | 17.2        | 98         | 17.3       | 0.0           | N           | 0.00        | 1.6         | N         | 17.6          | 18.2          | 18.2         | 1014.0 | 0.00 | 0.0          | 0.015       | 0.000       | 22.2       |
| 7/07/17 | 8:00a  | 17.9        | 17.9       | 17.6        | 97         | 17.5       | 0.0           | NW          | 0.00        | 4.8         | NW        | 17.9          | 18.6          | 18.6         | 1014.4 | 0.25 | 0.0          | 0.008       | 0.000       | 22.3       |
| 7/07/17 | 8:30a  | 18.9        | 18.9       | 18.0        | 94         | 17.9       | 0.0           | NE          | 0.00        | 6.4         | NE        | 18.9          | 19.7          | 19.7         | 1014.6 | 0.00 | 0.0          | 0.000       | 0.012       | 22.6       |
| 7/07/17 | 9:00a  | 19.7        | 19.7       | 18.9        | 90         | 18.0       | 0.0           | NE          | 0.00        | 8.0         | NNE       | 19.7          | 20.6          | 20.6         | 1014.7 | 0.00 | 0.0          | 0.000       | 0.028       | 22.9       |
| 7/07/17 | 9:30a  | 19.9        | 19.9       | 19.7        | 89         | 18.1       | 1.6           | ENE         | 0.80        | 11.3        | NNE       | 19.9          | 20.8          | 20.8         | 1014.8 | 0.00 | 0.0          | 0.000       | 0.034       | 23.1       |
| 7/07/17 | 10:00a | 21.3        | 21.5       | 19.9        | 82         | 18.1       | 1.6           | NE          | 0.80        | 8.0         | NNE       | 21.3          | 22.0          | 22.0         | 1014.7 | 0.00 | 0.0          | 0.000       | 0.061       | 23.4       |
| 7/07/17 | 10:30a | 21.9        | 21.9       | 21.2        | 80         | 18.3       | 1.6           | ENE         | 0.80        | 8.0         | N         | 21.9          | 22.7          | 22.7         | 1014.6 | 0.00 | 0.0          | 0.000       | 0.075       | 23.7       |
| 7/07/17 | 11:00a | 22.8        | 22.8       | 22.0        | 77         | 18.5       | 1.6           | NE          | 0.80        | 12.9        | NE        | 22.8          | 23.7          | 23.7         | 1014.2 | 0.00 | 0.0          | 0.000       | 0.093       | 23.9       |
| 7/07/17 | 11:30a | 23.7        | 23.7       | 22.8        | 73         | 18.6       | 1.6           | NE          | 0.80        | 9.7         | E         | 23.7          | 24.8          | 24.8         | 1013.9 | 0.00 | 0.0          | 0.000       | 0.112       | 24.2       |
| 7/07/17 | 12:00p | 23.9        | 23.9       | 23.7        | 74         | 19.0       | 1.6           | NE          | 0.80        | 9.7         | NNE       | 23.9          | 25.0          | 25.0         | 1013.7 | 0.00 | 0.0          | 0.000       | 0.116       | 24.3       |
| 7/07/17 | 12:30p | 23.4        | 24.1       | 23.3        | 74         | 18.5       | 1.6           | NE          | 0.80        | 9.7         | NNE       | 23.4          | 24.4          | 24.4         | 1013.3 | 0.00 | 0.0          | 0.000       | 0.105       | 24.4       |
| 7/07/17 | 1:00p  | 24.1        | 24.1       | 23.1        | 69         | 18.0       | 1.6           | NE          | 0.80        | 9.7         | NNE       | 24.1          | 24.9          | 24.9         | 1012.7 | 0.00 | 0.0          | 0.000       | 0.119       | 24.4       |
| 7/07/17 | 1:30p  | 23.3        | 24.1       | 23.3        | 71         | 17.8       | 1.6           | NE          | 0.80        | 12.9        | NE        | 23.3          | 24.3          | 24.3         | 1012.0 | 0.00 | 0.0          | 0.000       | 0.104       | 24.4       |
| 7/07/17 | 2:00p  | 21.6        | 23.3       | 21.6        | 82         | 18.4       | 0.0           | ENE         | 0.00        | 4.8         | ENE       | 21.6          | 22.4          | 22.4         | 1011.7 | 0.25 | 0.0          | 0.000       | 0.067       | 24.3       |
| 7/07/17 | 2:30p  | 23.7        | 23.7       | 21.5        | 74         | 18.8       | 0.0           | NE          | 0.00        | 4.8         | E         | 23.7          | 24.8          | 24.8         | 1010.9 | 0.00 | 0.0          | 0.000       | 0.112       | 24.4       |
| 7/07/17 | 3:00p  | 24.0        | 24.5       | 23.7        | 70         | 18.2       | 1.6           | NE          | 0.80        | 11.3        | NNW       | 24.0          | 24.9          | 24.9         | 1010.6 | 0.00 | 0.0          | 0.000       | 0.118       | 24.4       |
| 7/07/17 | 3:30p  | 22.2        | 24.0       | 22.2        | 81         | 18.8       | 0.0           | SSW         | 0.00        | 4.8         | SW        | 22.2          | 23.1          | 23.1         | 1010.7 | 0.00 | 0.0          | 0.000       | 0.081       | 24.4       |
| 7/07/17 | 4:00p  | 20.5        | 22.2       | 20.5        | 91         | 19.0       | 0.0           | SSE         | 0.00        | 6.4         | S         | 20.5          | 21.6          | 21.6         | 1010.9 | 1.52 | 7.9          | 0.000       | 0.045       | 24.3       |
| 7/07/17 | 4:30p  | 19.4        | 20.5       | 19.4        | 95         | 18.6       | 0.0           | S           | 0.00        | 1.6         | S         | 19.4          | 20.3          | 20.3         | 1010.9 | 5.08 | 18.8         | 0.000       | 0.022       | 24.2       |
| 7/07/17 | 5:00p  | 18.8        | 19.4       | 18.8        | 98         | 18.5       | 0.0           | SSE         | 0.00        | 1.6         | SSW       | 18.8          | 19.6          | 19.6         | 1011.1 | 1.02 | 3.6          | 0.000       | 0.009       | 24.0       |
| 7/07/17 | 5:30p  | 18.7        | 18.8       | 18.6        | 98         | 18.3       | 0.0           | ESE         | 0.00        | 1.6         | SE        | 18.7          | 19.4          | 19.4         | 1011.0 | 0.00 | 0.0          | 0.000       | 0.007       | 23.9       |
| 7/07/17 | 6:00p  | 18.3        | 18.6       | 18.3        | 98         | 18.0       | 0.0           | SE          | 0.00        | 1.6         | SE        | 18.3          | 18.9          | 18.9         | 1011.3 | 0.00 | 0.0          | 0.001       | 0.000       | 23.7       |
| 7/07/17 | 6:30p  | 18.3        | 18.4       | 18.2        | 98         | 18.0       | 0.0           | E           | 0.00        | 1.6         | SE        | 18.3          | 19.1          | 19.1         | 1012.2 | 0.00 | 0.0          | 0.000       | 0.000       | 23.7       |
| 7/07/17 | 7:00p  | 18.4        | 18.4       | 18.3        | 98         | 18.1       | 0.0           | E           | 0.00        | 1.6         | E         | 18.4          | 19.1          | 19.1         | 1012.7 | 0.00 | 0.0          | 0.000       | 0.001       | 23.6       |
| 7/07/17 | 7:30p  | 18.1        | 18.6       | 18.1        | 98         | 17.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 18.1          | 18.8          | 18.8         | 1013.3 | 0.00 | 0.0          | 0.005       | 0.000       | 23.4       |
| 7/07/17 | 8:00p  | 18.4        | 18.4       | 18.2        | 99         | 18.2       | 0.0           | E           | 0.00        | 1.6         | E         | 18.4          | 19.1          | 19.1         | 1013.7 | 0.00 | 0.0          | 0.000       | 0.001       | 23.3       |
| 7/07/17 | 8:30p  | 18.4        | 18.6       | 18.4        | 99         | 18.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 18.4          | 19.2          | 19.2         | 1013.9 | 0.00 | 0.0          | 0.000       | 0.002       | 23.3       |
| 7/07/17 | 9:00p  | 18.3        | 18.5       | 18.3        | 99         | 18.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 18.3          | 19.1          | 19.1         | 1014.4 | 1.02 | 2.8          | 0.000       | 0.000       | 23.2       |
| 7/07/17 | 9:30p  | 18.3        | 18.3       | 18.2        | 99         | 18.2       | 0.0           | ESE         | 0.00        | 1.6         | ESE       | 18.3          | 19.1          | 19.1         | 1014.7 | 0.00 | 0.0          | 0.000       | 0.000       | 23.1       |
| 7/07/17 | 10:00p | 18.2        | 18.3       | 18.2        | 99         | 18.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 18.2          | 18.9          | 18.9         | 1015.0 | 0.25 | 0.0          | 0.002       | 0.000       | 23.1       |
| 7/07/17 | 10:30p | 18.2        | 18.2       | 18.2        | 99         | 18.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 18.2          | 18.9          | 18.9         | 1015.3 | 0.00 | 0.0          | 0.002       | 0.000       | 23.1       |
| 7/07/17 | 11:00p | 18.1        | 18.3       | 18.1        | 99         | 17.9       | 0.0           | WNW         | 0.00        | 1.6         | WNW       | 18.1          | 18.7          | 18.7         | 1015.1 | 0.25 | 0.0          | 0.006       | 0.000       | 23.0       |
| 7/07/17 | 11:30p | 17.9        | 18.1       | 17.9        | 99         | 17.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 17.9          | 18.5          | 18.5         | 1015.3 | 0.00 | 0.0          | 0.009       | 0.000       | 22.9       |
| 8/07/17 | 12:00a | 17.9        | 17.9       | 17.8        | 99         | 17.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 17.9          | 18.6          | 18.6         | 1014.9 | 0.00 | 0.0          | 0.008       | 0.000       | 22.9       |

| Date    | Time   | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|---------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 7/07/17 | 12:30a | 76     | 17.9   | 23.0    | 14.71  | .0732          | 701       | 1       | 100.0      | 30        |
| 7/07/17 | 1:00a  | 76     | 17.9   | 23.1    | 14.70  | .0732          | 702       | 1       | 100.0      | 30        |
| 7/07/17 | 1:30a  | 76     | 17.9   | 23.0    | 14.71  | .0732          | 697       | 1       | 100.0      | 30        |
| 7/07/17 | 2:00a  | 76     | 17.9   | 23.0    | 14.71  | .0731          | 693       | 1       | 100.0      | 30        |
| 7/07/17 | 2:30a  | 76     | 17.9   | 23.0    | 14.71  | .0731          | 702       | 1       | 100.0      | 30        |
| 7/07/17 | 3:00a  | 76     | 17.8   | 22.9    | 14.71  | .0731          | 702       | 1       | 100.0      | 30        |
| 7/07/17 | 3:30a  | 76     | 17.8   | 22.9    | 14.71  | .0731          | 693       | 1       | 100.0      | 30        |
| 7/07/17 | 4:00a  | 76     | 17.8   | 22.8    | 14.71  | .0731          | 700       | 1       | 100.0      | 30        |
| 7/07/17 | 4:30a  | 76     | 17.7   | 22.8    | 14.71  | .0731          | 703       | 1       | 100.0      | 30        |
| 7/07/17 | 5:00a  | 76     | 17.7   | 22.8    | 14.71  | .0731          | 693       | 1       | 100.0      | 30        |
| 7/07/17 | 5:30a  | 76     | 17.7   | 22.7    | 14.71  | .0732          | 702       | 1       | 100.0      | 30        |
| 7/07/17 | 6:00a  | 76     | 17.7   | 22.7    | 14.71  | .0732          | 701       | 1       | 100.0      | 30        |
| 7/07/17 | 6:30a  | 76     | 17.6   | 22.6    | 14.72  | .0732          | 697       | 1       | 100.0      | 30        |
| 7/07/17 | 7:00a  | 76     | 17.7   | 22.8    | 14.71  | .0732          | 697       | 1       | 100.0      | 30        |
| 7/07/17 | 7:30a  | 76     | 17.7   | 22.8    | 14.71  | .0732          | 701       | 1       | 100.0      | 30        |
| 7/07/17 | 8:00a  | 76     | 17.9   | 23.0    | 14.71  | .0732          | 702       | 1       | 100.0      | 30        |
| 7/07/17 | 8:30a  | 76     | 18.2   | 23.4    | 14.70  | .0731          | 690       | 1       | 100.0      | 30        |
| 7/07/17 | 9:00a  | 75     | 18.2   | 23.8    | 14.39  | .0730          | 701       | 1       | 100.0      | 30        |
| 7/07/17 | 9:30a  | 76     | 18.6   | 24.0    | 14.68  | .0730          | 701       | 1       | 100.0      | 30        |
| 7/07/17 | 10:00a | 75     | 18.7   | 24.4    | 14.37  | .0729          | 695       | 1       | 100.0      | 30        |
| 7/07/17 | 10:30a | 74     | 18.8   | 24.7    | 14.07  | .0728          | 691       | 1       | 100.0      | 30        |
| 7/07/17 | 11:00a | 73     | 18.8   | 25.1    | 13.75  | .0727          | 697       | 1       | 100.0      | 30        |
| 7/07/17 | 11:30a | 72     | 18.8   | 25.2    | 13.52  | .0726          | 702       | 1       | 100.0      | 30        |
| 7/07/17 | 12:00p | 72     | 19.0   | 25.4    | 13.50  | .0725          | 692       | 1       | 100.0      | 30        |
| 7/07/17 | 12:30p | 72     | 19.0   | 25.5    | 13.50  | .0725          | 696       | 1       | 100.0      | 30        |
| 7/07/17 | 1:00p  | 72     | 19.1   | 25.6    | 13.49  | .0724          | 700       | 1       | 100.0      | 30        |
| 7/07/17 | 1:30p  | 72     | 19.1   | 25.6    | 13.49  | .0724          | 695       | 1       | 100.0      | 30        |
| 7/07/17 | 2:00p  | 72     | 19.0   | 25.4    | 13.50  | .0724          | 685       | 1       | 100.0      | 30        |
| 7/07/17 | 2:30p  | 72     | 19.0   | 25.5    | 13.50  | .0723          | 701       | 1       | 100.0      | 30        |
| 7/07/17 | 3:00p  | 72     | 19.1   | 25.6    | 13.49  | .0723          | 702       | 1       | 100.0      | 30        |
| 7/07/17 | 3:30p  | 72     | 19.0   | 25.5    | 13.50  | .0723          | 698       | 1       | 100.0      | 30        |
| 7/07/17 | 4:00p  | 72     | 18.9   | 25.4    | 13.51  | .0724          | 691       | 1       | 100.0      | 30        |
| 7/07/17 | 4:30p  | 73     | 19.0   | 25.3    | 13.74  | .0724          | 701       | 1       | 100.0      | 30        |
| 7/07/17 | 5:00p  | 74     | 19.1   | 25.2    | 14.05  | .0724          | 701       | 1       | 100.0      | 30        |
| 7/07/17 | 5:30p  | 75     | 19.2   | 25.1    | 14.35  | .0724          | 692       | 1       | 100.0      | 30        |
| 7/07/17 | 6:00p  | 75     | 19.0   | 24.8    | 14.36  | .0725          | 695       | 1       | 100.0      | 30        |
| 7/07/17 | 6:30p  | 75     | 19.0   | 24.8    | 14.36  | .0726          | 703       | 1       | 100.0      | 30        |
| 7/07/17 | 7:00p  | 76     | 19.1   | 24.7    | 14.66  | .0727          | 701       | 1       | 100.0      | 30        |
| 7/07/17 | 7:30p  | 76     | 19.0   | 24.6    | 14.67  | .0727          | 692       | 1       | 100.0      | 30        |
| 7/07/17 | 8:00p  | 76     | 18.8   | 24.3    | 14.67  | .0728          | 702       | 1       | 100.0      | 30        |
| 7/07/17 | 8:30p  | 76     | 18.8   | 24.3    | 14.67  | .0728          | 700       | 1       | 100.0      | 30        |
| 7/07/17 | 9:00p  | 76     | 18.7   | 24.2    | 14.68  | .0729          | 695       | 1       | 100.0      | 30        |
| 7/07/17 | 9:30p  | 76     | 18.6   | 24.1    | 14.68  | .0730          | 695       | 1       | 100.0      | 30        |
| 7/07/17 | 10:00p | 77     | 18.8   | 24.1    | 14.95  | .0730          | 703       | 1       | 100.0      | 30        |
| 7/07/17 | 10:30p | 77     | 18.8   | 24.1    | 14.95  | .0730          | 702       | 1       | 100.0      | 30        |
| 7/07/17 | 11:00p | 77     | 18.7   | 23.9    | 14.95  | .0730          | 693       | 1       | 100.0      | 30        |
| 7/07/17 | 11:30p | 77     | 18.7   | 23.9    | 14.95  | .0730          | 702       | 1       | 100.0      | 30        |
| 8/07/17 | 12:00a | 77     | 18.6   | 23.8    | 14.95  | .0730          | 703       | 1       | 100.0      | 30        |