

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 10/06/17 | 12:30a | 16.5        | 16.7       | 16.5        | 99         | 16.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 16.5          | 16.9          | 16.9         | 1012.1 | 0.00 | 0.0          | 0.038       | 0.000       | 23.3       |
| 10/06/17 | 1:00a  | 16.3        | 16.5       | 16.3        | 99         | 16.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 16.3          | 16.7          | 16.7         | 1011.8 | 0.00 | 0.0          | 0.042       | 0.000       | 23.2       |
| 10/06/17 | 1:30a  | 16.1        | 16.3       | 16.1        | 99         | 16.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 16.1          | 16.5          | 16.5         | 1011.5 | 0.00 | 0.0          | 0.046       | 0.000       | 23.2       |
| 10/06/17 | 2:00a  | 15.9        | 16.1       | 15.9        | 99         | 15.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.9          | 16.2          | 16.2         | 1010.9 | 0.00 | 0.0          | 0.051       | 0.000       | 23.1       |
| 10/06/17 | 2:30a  | 15.6        | 15.9       | 15.6        | 99         | 15.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.6          | 15.9          | 15.9         | 1010.7 | 0.00 | 0.0          | 0.057       | 0.000       | 23.1       |
| 10/06/17 | 3:00a  | 15.5        | 15.6       | 15.4        | 99         | 15.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.5          | 15.8          | 15.8         | 1010.5 | 0.00 | 0.0          | 0.059       | 0.000       | 23.0       |
| 10/06/17 | 3:30a  | 15.4        | 15.5       | 15.3        | 99         | 15.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.4          | 15.7          | 15.7         | 1010.6 | 0.00 | 0.0          | 0.061       | 0.000       | 22.9       |
| 10/06/17 | 4:00a  | 15.2        | 15.4       | 15.1        | 99         | 15.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.2          | 15.4          | 15.4         | 1010.8 | 0.00 | 0.0          | 0.066       | 0.000       | 22.8       |
| 10/06/17 | 4:30a  | 15.0        | 15.2       | 14.9        | 99         | 14.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.0          | 15.3          | 15.3         | 1011.0 | 0.00 | 0.0          | 0.069       | 0.000       | 22.8       |
| 10/06/17 | 5:00a  | 15.1        | 15.2       | 14.9        | 99         | 15.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.1          | 15.4          | 15.4         | 1011.1 | 0.00 | 0.0          | 0.067       | 0.000       | 22.7       |
| 10/06/17 | 5:30a  | 15.2        | 15.2       | 15.1        | 99         | 15.0       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.2          | 15.4          | 15.4         | 1011.1 | 0.00 | 0.0          | 0.066       | 0.000       | 22.6       |
| 10/06/17 | 6:00a  | 15.2        | 15.3       | 15.2        | 99         | 15.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.2          | 15.5          | 15.5         | 1011.6 | 0.00 | 0.0          | 0.065       | 0.000       | 22.7       |
| 10/06/17 | 6:30a  | 16.1        | 16.1       | 15.2        | 99         | 15.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 16.1          | 16.4          | 16.4         | 1012.0 | 0.00 | 0.0          | 0.047       | 0.000       | 22.7       |
| 10/06/17 | 7:00a  | 16.6        | 16.6       | 16.1        | 99         | 16.5       | 0.0           | ENE         | 0.00        | 1.6         | ENE       | 16.6          | 17.1          | 17.1         | 1012.3 | 0.00 | 0.0          | 0.036       | 0.000       | 22.8       |
| 10/06/17 | 7:30a  | 17.2        | 17.2       | 16.7        | 99         | 17.1       | 0.0           | ENE         | 0.00        | 1.6         | ENE       | 17.2          | 17.8          | 17.8         | 1012.7 | 0.00 | 0.0          | 0.023       | 0.000       | 22.9       |
| 10/06/17 | 8:00a  | 17.3        | 17.4       | 17.0        | 99         | 17.2       | 0.0           | SE          | 0.00        | 1.6         | SE        | 17.3          | 17.9          | 17.9         | 1013.0 | 0.00 | 0.0          | 0.021       | 0.000       | 23.0       |
| 10/06/17 | 8:30a  | 18.1        | 18.2       | 17.2        | 99         | 18.0       | 0.0           | WNW         | 0.00        | 3.2         | WNW       | 18.1          | 18.8          | 18.8         | 1013.2 | 0.00 | 0.0          | 0.005       | 0.000       | 23.6       |
| 10/06/17 | 9:00a  | 18.2        | 18.2       | 17.9        | 99         | 18.0       | 0.0           | WNW         | 0.00        | 3.2         | WNW       | 18.2          | 18.8          | 18.8         | 1013.1 | 0.00 | 0.0          | 0.003       | 0.000       | 23.7       |
| 10/06/17 | 9:30a  | 18.8        | 18.9       | 18.2        | 99         | 18.7       | 0.0           | NNE         | 0.00        | 1.6         | ENE       | 18.8          | 19.7          | 19.7         | 1013.1 | 0.00 | 0.0          | 0.000       | 0.010       | 23.8       |
| 10/06/17 | 10:00a | 20.1        | 20.1       | 18.7        | 99         | 19.9       | 0.0           | SW          | 0.00        | 9.7         | SW        | 20.1          | 21.3          | 21.3         | 1013.2 | 0.00 | 0.0          | 0.000       | 0.037       | 24.0       |
| 10/06/17 | 10:30a | 21.0        | 21.0       | 20.1        | 92         | 19.6       | 0.0           | SE          | 0.00        | 8.0         | NW        | 21.0          | 22.2          | 22.2         | 1013.2 | 0.00 | 0.0          | 0.000       | 0.056       | 24.2       |
| 10/06/17 | 11:00a | 22.4        | 22.5       | 21.0        | 82         | 19.2       | 1.6           | WNW         | 0.80        | 4.8         | NW        | 22.4          | 23.4          | 23.4         | 1013.1 | 0.00 | 0.0          | 0.000       | 0.086       | 24.4       |
| 10/06/17 | 11:30a | 22.6        | 22.6       | 22.3        | 80         | 18.9       | 0.0           | WNW         | 0.00        | 4.8         | SSW       | 22.6          | 23.4          | 23.4         | 1012.5 | 0.00 | 0.0          | 0.000       | 0.088       | 24.5       |
| 10/06/17 | 12:00p | 22.6        | 23.0       | 22.6        | 78         | 18.6       | 1.6           | WNW         | 0.80        | 9.7         | NW        | 22.6          | 23.4          | 23.4         | 1012.5 | 0.00 | 0.0          | 0.000       | 0.089       | 24.6       |
| 10/06/17 | 12:30p | 22.7        | 23.2       | 22.6        | 85         | 20.0       | 0.0           | NE          | 0.00        | 4.8         | NNE       | 22.7          | 23.8          | 23.8         | 1012.3 | 0.00 | 0.0          | 0.000       | 0.090       | 24.6       |
| 10/06/17 | 1:00p  | 19.6        | 22.7       | 19.6        | 91         | 18.1       | 3.2           | SSE         | 1.61        | 16.1        | S         | 19.6          | 20.5          | 20.5         | 1011.9 | 1.02 | 6.3          | 0.000       | 0.027       | 24.5       |
| 10/06/17 | 1:30p  | 18.7        | 19.6       | 18.7        | 96         | 18.0       | 1.6           | ESE         | 0.80        | 12.9        | SSE       | 18.7          | 19.4          | 19.4         | 1012.0 | 1.02 | 6.3          | 0.000       | 0.007       | 24.3       |
| 10/06/17 | 2:00p  | 18.2        | 18.7       | 18.2        | 97         | 17.7       | 1.6           | N           | 0.80        | 14.5        | WNW       | 18.2          | 18.9          | 18.9         | 1012.3 | 0.76 | 1.5          | 0.002       | 0.000       | 24.1       |
| 10/06/17 | 2:30p  | 18.5        | 18.5       | 18.2        | 97         | 18.0       | 0.0           | E           | 0.00        | 4.8         | NNW       | 18.5          | 19.2          | 19.2         | 1012.3 | 0.00 | 0.0          | 0.000       | 0.003       | 23.9       |
| 10/06/17 | 3:00p  | 18.3        | 18.6       | 18.3        | 97         | 17.8       | 1.6           | SSE         | 0.80        | 8.0         | ENE       | 18.3          | 19.0          | 19.0         | 1012.3 | 0.25 | 0.0          | 0.000       | 0.000       | 23.9       |
| 10/06/17 | 3:30p  | 18.3        | 18.4       | 18.1        | 97         | 17.8       | 0.0           | ESE         | 0.00        | 6.4         | SE        | 18.3          | 19.0          | 19.0         | 1012.1 | 0.76 | 1.0          | 0.000       | 0.000       | 23.8       |
| 10/06/17 | 4:00p  | 18.1        | 18.4       | 17.9        | 98         | 17.8       | 1.6           | SSE         | 0.80        | 9.7         | WNW       | 18.1          | 18.8          | 18.8         | 1011.9 | 1.02 | 2.3          | 0.005       | 0.000       | 23.8       |
| 10/06/17 | 4:30p  | 17.6        | 18.1       | 17.6        | 98         | 17.3       | 1.6           | NW          | 0.80        | 6.4         | ENE       | 17.6          | 18.2          | 18.2         | 1012.2 | 1.02 | 2.3          | 0.015       | 0.000       | 23.7       |
| 10/06/17 | 5:00p  | 17.3        | 17.7       | 17.3        | 98         | 17.0       | 0.0           | NNE         | 0.00        | 9.7         | NNE       | 17.3          | 17.8          | 17.8         | 1012.0 | 0.00 | 0.0          | 0.021       | 0.000       | 23.6       |
| 10/06/17 | 5:30p  | 17.5        | 17.6       | 17.3        | 98         | 17.2       | 0.0           | ENE         | 0.00        | 3.2         | ENE       | 17.5          | 18.1          | 18.1         | 1011.7 | 0.00 | 0.0          | 0.017       | 0.000       | 23.5       |
| 10/06/17 | 6:00p  | 17.1        | 17.5       | 16.9        | 98         | 16.7       | 1.6           | SE          | 0.80        | 11.3        | ESE       | 17.1          | 17.6          | 17.6         | 1012.0 | 0.00 | 0.0          | 0.027       | 0.000       | 23.4       |
| 10/06/17 | 6:30p  | 16.9        | 17.1       | 16.8        | 98         | 16.6       | 0.0           | SE          | 0.00        | 11.3        | SE        | 16.9          | 17.4          | 17.4         | 1012.2 | 0.00 | 0.0          | 0.029       | 0.000       | 23.3       |
| 10/06/17 | 7:00p  | 16.8        | 17.0       | 16.7        | 98         | 16.5       | 0.0           | ENE         | 0.00        | 1.6         | ESE       | 16.8          | 17.2          | 17.2         | 1012.9 | 0.00 | 0.0          | 0.032       | 0.000       | 23.3       |
| 10/06/17 | 7:30p  | 16.5        | 16.8       | 16.4        | 98         | 16.2       | 0.0           | SSE         | 0.00        | 6.4         | SSE       | 16.5          | 16.9          | 16.9         | 1012.9 | 0.00 | 0.0          | 0.038       | 0.000       | 23.2       |
| 10/06/17 | 8:00p  | 16.8        | 16.8       | 16.6        | 99         | 16.6       | 0.0           | NE          | 0.00        | 1.6         | NE        | 16.8          | 17.2          | 17.2         | 1013.6 | 0.00 | 0.0          | 0.032       | 0.000       | 23.2       |
| 10/06/17 | 8:30p  | 16.8        | 16.8       | 16.8        | 99         | 16.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 16.8          | 17.2          | 17.2         | 1014.0 | 0.00 | 0.0          | 0.032       | 0.000       | 23.1       |
| 10/06/17 | 9:00p  | 16.8        | 16.9       | 16.7        | 98         | 16.5       | 0.0           | ENE         | 0.00        | 1.6         | ENE       | 16.8          | 17.3          | 17.3         | 1014.4 | 0.00 | 0.0          | 0.031       | 0.000       | 23.1       |
| 10/06/17 | 9:30p  | 16.9        | 16.9       | 16.8        | 98         | 16.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 16.9          | 17.3          | 17.3         | 1014.7 | 0.00 | 0.0          | 0.030       | 0.000       | 23.0       |
| 10/06/17 | 10:00p | 17.0        | 17.0       | 16.9        | 98         | 16.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 17.0          | 17.5          | 17.5         | 1014.8 | 0.00 | 0.0          | 0.028       | 0.000       | 23.0       |
| 10/06/17 | 10:30p | 17.0        | 17.1       | 16.9        | 98         | 16.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 17.0          | 17.5          | 17.5         | 1015.3 | 0.00 | 0.0          | 0.028       | 0.000       | 22.9       |
| 10/06/17 | 11:00p | 17.1        | 17.1       | 17.0        | 98         | 16.7       | 0.0           | WNW         | 0.00        | 1.6         | NNE       | 17.1          | 17.6          | 17.6         | 1015.3 | 0.00 | 0.0          | 0.027       | 0.000       | 22.9       |
| 10/06/17 | 11:30p | 17.1        | 17.2       | 17.1        | 98         | 16.8       | 0.0           | W           | 0.00        | 1.6         | WNW       | 17.1          | 17.6          | 17.6         | 1015.3 | 0.00 | 0.0          | 0.025       | 0.000       | 22.9       |
| 11/06/17 | 12:00a | 16.9        | 17.1       | 16.9        | 98         | 16.6       | 0.0           | N           | 0.00        | 3.2         | N         | 16.9          | 17.4          | 17.4         | 1015.0 | 0.00 | 0.0          | 0.029       | 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. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 10/06/17 | 12:30a | 74     | 18.4   | 24.3    | 14.09  | .0727          | 702       | 1       | 100.0      | 30        |
| 10/06/17 | 1:00a  | 74     | 18.3   | 24.2    | 14.10  | .0727          | 703       | 1       | 100.0      | 30        |
| 10/06/17 | 1:30a  | 74     | 18.3   | 24.1    | 14.10  | .0727          | 693       | 1       | 100.0      | 30        |
| 10/06/17 | 2:00a  | 74     | 18.2   | 24.1    | 14.11  | .0727          | 702       | 1       | 100.0      | 30        |
| 10/06/17 | 2:30a  | 74     | 18.2   | 23.9    | 14.11  | .0727          | 703       | 1       | 100.0      | 30        |
| 10/06/17 | 3:00a  | 74     | 18.1   | 23.9    | 14.11  | .0727          | 695       | 1       | 100.0      | 30        |
| 10/06/17 | 3:30a  | 74     | 18.0   | 23.7    | 14.12  | .0728          | 701       | 1       | 100.0      | 30        |
| 10/06/17 | 4:00a  | 74     | 18.0   | 23.7    | 14.13  | .0728          | 702       | 1       | 100.0      | 30        |
| 10/06/17 | 4:30a  | 74     | 17.9   | 23.6    | 14.13  | .0728          | 696       | 1       | 100.0      | 30        |
| 10/06/17 | 5:00a  | 74     | 17.8   | 23.5    | 14.13  | .0729          | 701       | 1       | 100.0      | 30        |
| 10/06/17 | 5:30a  | 74     | 17.7   | 23.3    | 14.14  | .0729          | 702       | 1       | 100.0      | 30        |
| 10/06/17 | 6:00a  | 74     | 17.8   | 23.4    | 14.14  | .0729          | 695       | 1       | 100.0      | 30        |
| 10/06/17 | 6:30a  | 74     | 17.8   | 23.4    | 14.14  | .0729          | 701       | 1       | 100.0      | 30        |
| 10/06/17 | 7:00a  | 74     | 17.9   | 23.6    | 14.13  | .0729          | 703       | 1       | 100.0      | 30        |
| 10/06/17 | 7:30a  | 73     | 17.8   | 23.7    | 13.82  | .0729          | 695       | 1       | 100.0      | 30        |
| 10/06/17 | 8:00a  | 73     | 17.9   | 23.8    | 13.81  | .0729          | 699       | 1       | 100.0      | 30        |
| 10/06/17 | 8:30a  | 72     | 18.2   | 24.6    | 13.57  | .0728          | 701       | 1       | 100.0      | 30        |
| 10/06/17 | 9:00a  | 72     | 18.4   | 24.7    | 13.56  | .0727          | 703       | 1       | 100.0      | 30        |
| 10/06/17 | 9:30a  | 71     | 18.3   | 24.8    | 13.25  | .0727          | 693       | 1       | 100.0      | 30        |
| 10/06/17 | 10:00a | 71     | 18.4   | 25.0    | 13.24  | .0726          | 700       | 1       | 100.0      | 30        |
| 10/06/17 | 10:30a | 70     | 18.4   | 25.2    | 12.94  | .0726          | 703       | 1       | 100.0      | 30        |
| 10/06/17 | 11:00a | 70     | 18.6   | 25.4    | 12.93  | .0725          | 702       | 1       | 100.0      | 30        |
| 10/06/17 | 11:30a | 69     | 18.4   | 25.4    | 12.71  | .0725          | 692       | 1       | 100.0      | 30        |
| 10/06/17 | 12:00p | 69     | 18.5   | 25.6    | 12.70  | .0724          | 701       | 1       | 100.0      | 30        |
| 10/06/17 | 12:30p | 69     | 18.5   | 25.6    | 12.70  | .0724          | 703       | 1       | 100.0      | 30        |
| 10/06/17 | 1:00p  | 69     | 18.4   | 25.4    | 12.71  | .0724          | 701       | 1       | 100.0      | 30        |
| 10/06/17 | 1:30p  | 70     | 18.5   | 25.3    | 12.94  | .0725          | 691       | 1       | 100.0      | 30        |
| 10/06/17 | 2:00p  | 71     | 18.5   | 25.1    | 13.24  | .0726          | 703       | 1       | 100.0      | 30        |
| 10/06/17 | 2:30p  | 71     | 18.4   | 24.9    | 13.25  | .0726          | 702       | 1       | 100.0      | 30        |
| 10/06/17 | 3:00p  | 71     | 18.3   | 24.9    | 13.25  | .0726          | 702       | 1       | 100.0      | 30        |
| 10/06/17 | 3:30p  | 72     | 18.5   | 24.8    | 13.55  | .0726          | 692       | 1       | 100.0      | 30        |
| 10/06/17 | 4:00p  | 72     | 18.4   | 24.8    | 13.56  | .0726          | 703       | 1       | 100.0      | 30        |
| 10/06/17 | 4:30p  | 72     | 18.3   | 24.7    | 13.57  | .0727          | 702       | 1       | 100.0      | 30        |
| 10/06/17 | 5:00p  | 72     | 18.2   | 24.6    | 13.57  | .0727          | 695       | 1       | 100.0      | 30        |
| 10/06/17 | 5:30p  | 73     | 18.4   | 24.5    | 13.78  | .0727          | 699       | 1       | 100.0      | 30        |
| 10/06/17 | 6:00p  | 73     | 18.3   | 24.4    | 13.79  | .0727          | 702       | 1       | 100.0      | 30        |
| 10/06/17 | 6:30p  | 73     | 18.2   | 24.3    | 13.79  | .0728          | 703       | 1       | 100.0      | 30        |
| 10/06/17 | 7:00p  | 73     | 18.2   | 24.2    | 13.79  | .0728          | 692       | 1       | 100.0      | 30        |
| 10/06/17 | 7:30p  | 73     | 18.1   | 24.2    | 13.80  | .0728          | 703       | 1       | 100.0      | 30        |
| 10/06/17 | 8:00p  | 73     | 18.1   | 24.1    | 13.80  | .0729          | 702       | 1       | 100.0      | 30        |
| 10/06/17 | 8:30p  | 73     | 18.0   | 23.9    | 13.81  | .0730          | 693       | 1       | 100.0      | 30        |
| 10/06/17 | 9:00p  | 73     | 18.0   | 23.9    | 13.81  | .0730          | 702       | 1       | 100.0      | 30        |
| 10/06/17 | 9:30p  | 73     | 17.9   | 23.8    | 13.81  | .0730          | 702       | 1       | 100.0      | 30        |
| 10/06/17 | 10:00p | 73     | 17.9   | 23.8    | 13.81  | .0731          | 700       | 1       | 100.0      | 30        |
| 10/06/17 | 10:30p | 74     | 18.1   | 23.8    | 14.12  | .0731          | 696       | 1       | 100.0      | 30        |
| 10/06/17 | 11:00p | 74     | 18.0   | 23.7    | 14.12  | .0731          | 703       | 1       | 100.0      | 30        |
| 10/06/17 | 11:30p | 74     | 18.1   | 23.8    | 14.12  | .0731          | 702       | 1       | 100.0      | 30        |
| 11/06/17 | 12:00a | 74     | 18.0   | 23.7    | 14.12  | .0731          | 692       | 1       | 100.0      | 30        |