

| 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 |
|---------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 8/02/17 | 12:30a | 15.3        | 15.3       | 15.2        | 95         | 14.5       | 0.0           | NNE         | 0.00        | 1.6         | NNW       | 15.3          | 15.6          | 15.6         | 1010.5 | 0.00 | 0.0          | 0.063       | 0.000       | 21.1       |
| 8/02/17 | 1:00a  | 15.4        | 15.4       | 15.3        | 95         | 14.6       | 0.0           | E           | 0.00        | 1.6         | N         | 15.4          | 15.7          | 15.7         | 1010.5 | 0.00 | 0.0          | 0.060       | 0.000       | 21.1       |
| 8/02/17 | 1:30a  | 15.3        | 15.4       | 15.2        | 95         | 14.5       | 0.0           | SE          | 0.00        | 3.2         | ESE       | 15.3          | 15.5          | 15.5         | 1010.3 | 0.00 | 0.0          | 0.064       | 0.000       | 21.1       |
| 8/02/17 | 2:00a  | 15.6        | 15.6       | 15.3        | 94         | 14.6       | 0.0           | NE          | 0.00        | 3.2         | NE        | 15.6          | 15.8          | 15.8         | 1010.1 | 0.00 | 0.0          | 0.057       | 0.000       | 21.0       |
| 8/02/17 | 2:30a  | 15.7        | 15.7       | 15.6        | 94         | 14.7       | 0.0           | NNE         | 0.00        | 3.2         | NNE       | 15.7          | 15.9          | 15.9         | 1009.9 | 0.00 | 0.0          | 0.056       | 0.000       | 20.9       |
| 8/02/17 | 3:00a  | 15.7        | 15.7       | 15.6        | 93         | 14.5       | 0.0           | N           | 0.00        | 3.2         | ENE       | 15.7          | 15.9          | 15.9         | 1009.7 | 0.00 | 0.0          | 0.056       | 0.000       | 20.9       |
| 8/02/17 | 3:30a  | 15.7        | 15.7       | 15.7        | 93         | 14.6       | 0.0           | NNE         | 0.00        | 4.8         | N         | 15.7          | 15.9          | 15.9         | 1009.7 | 0.00 | 0.0          | 0.054       | 0.000       | 20.9       |
| 8/02/17 | 4:00a  | 15.6        | 15.7       | 15.6        | 93         | 14.4       | 0.0           | NNE         | 0.00        | 3.2         | NNE       | 15.6          | 15.8          | 15.8         | 1009.7 | 0.00 | 0.0          | 0.058       | 0.000       | 20.9       |
| 8/02/17 | 4:30a  | 15.5        | 15.6       | 15.5        | 93         | 14.4       | 0.0           | N           | 0.00        | 3.2         | N         | 15.5          | 15.7          | 15.7         | 1009.7 | 0.00 | 0.0          | 0.059       | 0.000       | 20.8       |
| 8/02/17 | 5:00a  | 15.5        | 15.6       | 15.5        | 93         | 14.4       | 0.0           | ENE         | 0.00        | 1.6         | ENE       | 15.5          | 15.7          | 15.7         | 1009.6 | 0.00 | 0.0          | 0.059       | 0.000       | 20.8       |
| 8/02/17 | 5:30a  | 14.7        | 15.5       | 14.7        | 94         | 13.8       | 0.0           | ENE         | 0.00        | 1.6         | ENE       | 14.7          | 14.9          | 14.9         | 1009.8 | 0.00 | 0.0          | 0.075       | 0.000       | 20.8       |
| 8/02/17 | 6:00a  | 14.7        | 14.7       | 14.4        | 95         | 13.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 14.7          | 14.9          | 14.9         | 1010.1 | 0.00 | 0.0          | 0.075       | 0.000       | 20.8       |
| 8/02/17 | 6:30a  | 15.0        | 15.0       | 14.7        | 95         | 14.2       | 0.0           | ENE         | 0.00        | 1.6         | ENE       | 15.0          | 15.2          | 15.2         | 1010.2 | 0.00 | 0.0          | 0.069       | 0.000       | 20.8       |
| 8/02/17 | 7:00a  | 15.3        | 15.3       | 15.0        | 93         | 14.2       | 0.0           | NNW         | 0.00        | 1.6         | ENE       | 15.3          | 15.4          | 15.4         | 1010.6 | 0.00 | 0.0          | 0.064       | 0.000       | 20.8       |
| 8/02/17 | 7:30a  | 15.6        | 15.6       | 15.3        | 91         | 14.1       | 0.0           | NNE         | 0.00        | 3.2         | NNE       | 15.6          | 15.8          | 15.8         | 1010.8 | 0.00 | 0.0          | 0.057       | 0.000       | 20.8       |
| 8/02/17 | 8:00a  | 16.3        | 16.3       | 15.6        | 90         | 14.7       | 0.0           | NNE         | 0.00        | 1.6         | NNE       | 16.3          | 16.6          | 16.6         | 1011.0 | 0.00 | 0.0          | 0.042       | 0.000       | 21.0       |
| 8/02/17 | 8:30a  | 18.2        | 18.2       | 16.4        | 82         | 15.1       | 0.0           | WNW         | 0.00        | 3.2         | NNE       | 18.2          | 18.6          | 18.6         | 1011.2 | 0.00 | 0.0          | 0.002       | 0.000       | 21.3       |
| 8/02/17 | 9:00a  | 20.3        | 20.3       | 18.2        | 75         | 15.7       | 0.0           | SE          | 0.00        | 3.2         | NNE       | 20.3          | 20.8          | 20.8         | 1011.4 | 0.00 | 0.0          | 0.000       | 0.041       | 21.8       |
| 8/02/17 | 9:30a  | 21.3        | 21.3       | 20.3        | 67         | 14.9       | 1.6           | SE          | 0.80        | 8.0         | N         | 21.3          | 21.2          | 21.2         | 1011.2 | 0.00 | 0.0          | 0.000       | 0.061       | 22.2       |
| 8/02/17 | 10:00a | 22.4        | 22.4       | 21.3        | 59         | 14.0       | 1.6           | SE          | 0.80        | 11.3        | SW        | 22.4          | 22.4          | 22.4         | 1011.1 | 0.00 | 0.0          | 0.000       | 0.086       | 22.6       |
| 8/02/17 | 10:30a | 23.5        | 23.5       | 22.4        | 56         | 14.2       | 1.6           | ESE         | 0.80        | 8.0         | SSE       | 23.5          | 23.7          | 23.7         | 1011.0 | 0.00 | 0.0          | 0.000       | 0.108       | 22.9       |
| 8/02/17 | 11:00a | 25.3        | 25.4       | 23.5        | 49         | 13.8       | 1.6           | ESE         | 0.80        | 9.7         | ENE       | 25.3          | 25.2          | 25.2         | 1010.7 | 0.00 | 0.0          | 0.000       | 0.145       | 23.3       |
| 8/02/17 | 11:30a | 24.8        | 25.2       | 24.6        | 49         | 13.4       | 1.6           | ENE         | 0.80        | 11.3        | NE        | 24.8          | 24.7          | 24.7         | 1010.1 | 0.00 | 0.0          | 0.000       | 0.135       | 23.5       |
| 8/02/17 | 12:00p | 26.7        | 26.7       | 24.8        | 47         | 14.5       | 1.6           | SE          | 0.80        | 8.0         | NW        | 26.7          | 26.6          | 26.6         | 1009.4 | 0.00 | 0.0          | 0.000       | 0.175       | 23.7       |
| 8/02/17 | 12:30p | 26.8        | 26.8       | 26.3        | 46         | 14.2       | 1.6           | WNW         | 0.80        | 11.3        | WNW       | 26.8          | 26.6          | 26.6         | 1008.8 | 0.00 | 0.0          | 0.000       | 0.176       | 23.8       |
| 8/02/17 | 1:00p  | 26.9        | 27.4       | 26.8        | 48         | 15.0       | 3.2           | SSE         | 1.61        | 12.9        | SE        | 26.9          | 26.9          | 26.9         | 1008.2 | 0.00 | 0.0          | 0.000       | 0.179       | 24.0       |
| 8/02/17 | 1:30p  | 27.4        | 27.6       | 26.9        | 49         | 15.8       | 3.2           | SE          | 1.61        | 14.5        | S         | 27.4          | 27.6          | 27.6         | 1007.7 | 0.00 | 0.0          | 0.000       | 0.190       | 24.2       |
| 8/02/17 | 2:00p  | 25.6        | 27.4       | 25.6        | 56         | 16.1       | 4.8           | SE          | 2.41        | 16.1        | SSE       | 25.6          | 25.9          | 25.9         | 1007.1 | 0.00 | 0.0          | 0.000       | 0.150       | 24.3       |
| 8/02/17 | 2:30p  | 25.5        | 26.0       | 25.5        | 57         | 16.4       | 4.8           | SE          | 2.41        | 17.7        | SE        | 25.5          | 25.8          | 25.8         | 1006.8 | 0.00 | 0.0          | 0.000       | 0.149       | 24.4       |
| 8/02/17 | 3:00p  | 25.0        | 25.7       | 25.0        | 59         | 16.4       | 4.8           | ESE         | 2.41        | 17.7        | ESE       | 25.0          | 25.4          | 25.4         | 1006.5 | 0.00 | 0.0          | 0.000       | 0.139       | 24.4       |
| 8/02/17 | 3:30p  | 24.3        | 24.9       | 24.2        | 62         | 16.6       | 3.2           | ESE         | 1.61        | 17.7        | SSW       | 24.3          | 24.8          | 24.8         | 1006.3 | 0.00 | 0.0          | 0.000       | 0.125       | 24.4       |
| 8/02/17 | 4:00p  | 23.6        | 24.4       | 23.6        | 65         | 16.6       | 3.2           | SE          | 1.61        | 22.5        | N         | 23.6          | 24.3          | 24.3         | 1006.6 | 0.00 | 0.0          | 0.000       | 0.110       | 24.4       |
| 8/02/17 | 4:30p  | 23.0        | 23.6       | 22.9        | 69         | 17.0       | 3.2           | E           | 1.61        | 17.7        | E         | 23.0          | 23.7          | 23.7         | 1006.9 | 0.00 | 0.0          | 0.000       | 0.097       | 24.3       |
| 8/02/17 | 5:00p  | 22.1        | 23.0       | 22.1        | 73         | 17.0       | 1.6           | E           | 0.80        | 9.7         | E         | 22.1          | 22.5          | 22.5         | 1007.3 | 0.00 | 0.0          | 0.000       | 0.078       | 24.1       |
| 8/02/17 | 5:30p  | 20.9        | 22.0       | 20.9        | 77         | 16.8       | 3.2           | SE          | 1.61        | 12.9        | SW        | 20.9          | 21.4          | 21.4         | 1007.7 | 0.00 | 0.0          | 0.000       | 0.054       | 23.9       |
| 8/02/17 | 6:00p  | 20.5        | 20.9       | 20.4        | 80         | 16.9       | 1.6           | ESE         | 0.80        | 9.7         | SE        | 20.5          | 21.3          | 21.3         | 1008.3 | 0.00 | 0.0          | 0.000       | 0.045       | 23.7       |
| 8/02/17 | 6:30p  | 19.8        | 20.5       | 19.8        | 84         | 17.0       | 1.6           | SE          | 0.80        | 11.3        | SE        | 19.8          | 20.6          | 20.6         | 1008.7 | 0.00 | 0.0          | 0.000       | 0.030       | 23.5       |
| 8/02/17 | 7:00p  | 19.5        | 19.8       | 19.5        | 86         | 17.1       | 3.2           | SE          | 1.61        | 12.9        | SE        | 19.5          | 20.3          | 20.3         | 1009.3 | 0.00 | 0.0          | 0.000       | 0.024       | 23.3       |
| 8/02/17 | 7:30p  | 19.2        | 19.5       | 19.2        | 87         | 16.9       | 1.6           | ESE         | 0.80        | 11.3        | SSE       | 19.2          | 19.9          | 19.9         | 1009.8 | 0.00 | 0.0          | 0.000       | 0.017       | 23.2       |
| 8/02/17 | 8:00p  | 18.7        | 19.2       | 18.7        | 89         | 16.9       | 0.0           | ESE         | 0.00        | 6.4         | ESE       | 18.7          | 19.4          | 19.4         | 1010.6 | 0.00 | 0.0          | 0.000       | 0.008       | 23.1       |
| 8/02/17 | 8:30p  | 18.8        | 18.8       | 18.6        | 89         | 16.9       | 0.0           | WNW         | 0.00        | 4.8         | WNW       | 18.8          | 19.4          | 19.4         | 1010.9 | 0.00 | 0.0          | 0.000       | 0.009       | 22.9       |
| 8/02/17 | 9:00p  | 18.5        | 18.8       | 18.5        | 88         | 16.5       | 0.0           | ENE         | 0.00        | 1.6         | ENE       | 18.5          | 19.1          | 19.1         | 1011.1 | 0.00 | 0.0          | 0.000       | 0.003       | 22.8       |
| 8/02/17 | 9:30p  | 17.7        | 18.5       | 17.7        | 88         | 15.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 17.7          | 18.1          | 18.1         | 1011.5 | 0.00 | 0.0          | 0.013       | 0.000       | 22.7       |
| 8/02/17 | 10:00p | 17.4        | 17.8       | 17.4        | 89         | 15.6       | 0.0           | SSE         | 0.00        | 1.6         | SSE       | 17.4          | 17.8          | 17.8         | 1011.7 | 0.00 | 0.0          | 0.020       | 0.000       | 22.6       |
| 8/02/17 | 10:30p | 17.2        | 17.4       | 17.1        | 91         | 15.7       | 0.0           | N           | 0.00        | 3.2         | NE        | 17.2          | 17.6          | 17.6         | 1011.9 | 0.00 | 0.0          | 0.024       | 0.000       | 22.4       |
| 8/02/17 | 11:00p | 16.9        | 17.2       | 16.9        | 92         | 15.6       | 0.0           | WNW         | 0.00        | 1.6         | WNW       | 16.9          | 17.2          | 17.2         | 1012.0 | 0.00 | 0.0          | 0.030       | 0.000       | 22.3       |
| 8/02/17 | 11:30p | 17.1        | 17.1       | 16.9        | 93         | 15.9       | 0.0           | NE          | 0.00        | 3.2         | NE        | 17.1          | 17.4          | 17.4         | 1012.0 | 0.00 | 0.0          | 0.027       | 0.000       | 22.2       |
| 9/02/17 | 12:00a | 16.8        | 17.1       | 16.8        | 92         | 15.5       | 0.0           | NE          | 0.00        | 4.8         | NE        | 16.8          | 17.2          | 17.2         | 1011.9 | 0.00 | 0.0          | 0.031       | 0.000       | 22.1       |

| Date    | Time   | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|---------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 8/02/17 | 12:30a | 70     | 15.4   | 21.2    | 13.15  | .0734          | 649       | 1       | 94.9       | 30        |
| 8/02/17 | 1:00a  | 70     | 15.4   | 21.1    | 13.15  | .0734          | 700       | 1       | 100.0      | 30        |
| 8/02/17 | 1:30a  | 70     | 15.4   | 21.1    | 13.15  | .0734          | 703       | 1       | 100.0      | 30        |
| 8/02/17 | 2:00a  | 70     | 15.3   | 21.1    | 13.16  | .0734          | 697       | 1       | 100.0      | 30        |
| 8/02/17 | 2:30a  | 70     | 15.3   | 21.1    | 13.16  | .0734          | 698       | 1       | 100.0      | 30        |
| 8/02/17 | 3:00a  | 70     | 15.3   | 21.1    | 13.16  | .0734          | 702       | 1       | 100.0      | 30        |
| 8/02/17 | 3:30a  | 70     | 15.2   | 21.0    | 13.17  | .0734          | 700       | 1       | 100.0      | 30        |
| 8/02/17 | 4:00a  | 70     | 15.2   | 21.0    | 13.17  | .0734          | 695       | 1       | 100.0      | 30        |
| 8/02/17 | 4:30a  | 71     | 15.4   | 21.1    | 13.46  | .0734          | 702       | 1       | 100.0      | 30        |
| 8/02/17 | 5:00a  | 70     | 15.2   | 21.0    | 13.17  | .0735          | 703       | 1       | 100.0      | 30        |
| 8/02/17 | 5:30a  | 70     | 15.2   | 21.0    | 13.17  | .0735          | 692       | 1       | 100.0      | 30        |
| 8/02/17 | 6:00a  | 71     | 15.3   | 21.0    | 13.46  | .0735          | 700       | 1       | 100.0      | 30        |
| 8/02/17 | 6:30a  | 70     | 15.1   | 20.9    | 13.17  | .0735          | 702       | 1       | 100.0      | 30        |
| 8/02/17 | 7:00a  | 70     | 15.2   | 21.0    | 13.17  | .0735          | 694       | 1       | 100.0      | 30        |
| 8/02/17 | 7:30a  | 70     | 15.2   | 21.0    | 13.17  | .0735          | 701       | 1       | 100.0      | 30        |
| 8/02/17 | 8:00a  | 70     | 15.3   | 21.1    | 13.16  | .0735          | 702       | 1       | 100.0      | 30        |
| 8/02/17 | 8:30a  | 70     | 15.6   | 21.4    | 13.13  | .0734          | 690       | 1       | 100.0      | 30        |
| 8/02/17 | 9:00a  | 70     | 16.1   | 22.1    | 13.10  | .0733          | 697       | 1       | 100.0      | 30        |
| 8/02/17 | 9:30a  | 69     | 16.3   | 22.6    | 12.81  | .0731          | 701       | 1       | 100.0      | 30        |
| 8/02/17 | 10:00a | 68     | 16.4   | 23.1    | 12.55  | .0730          | 697       | 1       | 100.0      | 30        |
| 8/02/17 | 10:30a | 68     | 16.7   | 23.4    | 12.55  | .0729          | 689       | 1       | 100.0      | 30        |
| 8/02/17 | 11:00a | 67     | 16.8   | 24.0    | 12.27  | .0728          | 701       | 1       | 100.0      | 30        |
| 8/02/17 | 11:30a | 66     | 16.8   | 24.2    | 12.06  | .0727          | 696       | 1       | 100.0      | 30        |
| 8/02/17 | 12:00p | 66     | 17.0   | 24.5    | 12.06  | .0726          | 700       | 1       | 100.0      | 30        |
| 8/02/17 | 12:30p | 65     | 16.9   | 24.6    | 11.85  | .0725          | 695       | 1       | 100.0      | 30        |
| 8/02/17 | 1:00p  | 65     | 17.0   | 24.7    | 11.85  | .0724          | 689       | 1       | 100.0      | 30        |
| 8/02/17 | 1:30p  | 65     | 17.2   | 24.9    | 11.84  | .0723          | 687       | 1       | 100.0      | 30        |
| 8/02/17 | 2:00p  | 65     | 17.3   | 25.0    | 11.83  | .0722          | 688       | 1       | 100.0      | 30        |
| 8/02/17 | 2:30p  | 65     | 17.4   | 25.1    | 11.83  | .0722          | 696       | 1       | 100.0      | 30        |
| 8/02/17 | 3:00p  | 65     | 17.4   | 25.1    | 11.83  | .0721          | 696       | 1       | 100.0      | 30        |
| 8/02/17 | 3:30p  | 65     | 17.4   | 25.1    | 11.83  | .0721          | 685       | 1       | 100.0      | 30        |
| 8/02/17 | 4:00p  | 65     | 17.4   | 25.1    | 11.83  | .0722          | 696       | 1       | 100.0      | 30        |
| 8/02/17 | 4:30p  | 65     | 17.3   | 24.9    | 11.84  | .0722          | 702       | 1       | 100.0      | 30        |
| 8/02/17 | 5:00p  | 66     | 17.4   | 24.9    | 12.04  | .0723          | 701       | 1       | 100.0      | 30        |
| 8/02/17 | 5:30p  | 66     | 17.2   | 24.7    | 12.05  | .0724          | 693       | 1       | 100.0      | 30        |
| 8/02/17 | 6:00p  | 67     | 17.2   | 24.5    | 12.26  | .0725          | 701       | 1       | 100.0      | 30        |
| 8/02/17 | 6:30p  | 67     | 17.0   | 24.3    | 12.26  | .0726          | 701       | 1       | 100.0      | 30        |
| 8/02/17 | 7:00p  | 68     | 17.1   | 24.1    | 12.55  | .0726          | 695       | 1       | 100.0      | 30        |
| 8/02/17 | 7:30p  | 68     | 17.0   | 23.9    | 12.55  | .0727          | 696       | 1       | 100.0      | 30        |
| 8/02/17 | 8:00p  | 68     | 16.8   | 23.7    | 12.55  | .0728          | 703       | 1       | 100.0      | 30        |
| 8/02/17 | 8:30p  | 69     | 17.0   | 23.6    | 12.78  | .0729          | 702       | 1       | 100.0      | 30        |
| 8/02/17 | 9:00p  | 69     | 16.8   | 23.4    | 12.79  | .0729          | 693       | 1       | 100.0      | 30        |
| 8/02/17 | 9:30p  | 69     | 16.7   | 23.3    | 12.79  | .0730          | 700       | 1       | 100.0      | 30        |
| 8/02/17 | 10:00p | 69     | 16.6   | 23.1    | 12.80  | .0730          | 702       | 1       | 100.0      | 30        |
| 8/02/17 | 10:30p | 69     | 16.5   | 22.9    | 12.80  | .0731          | 695       | 1       | 100.0      | 30        |
| 8/02/17 | 11:00p | 69     | 16.4   | 22.7    | 12.81  | .0732          | 700       | 1       | 100.0      | 30        |
| 8/02/17 | 11:30p | 70     | 16.5   | 22.6    | 13.07  | .0732          | 702       | 1       | 100.0      | 30        |
| 9/02/17 | 12:00a | 70     | 16.4   | 22.4    | 13.08  | .0732          | 698       | 1       | 100.0      | 30        |