

| 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 |
|---------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|-------|------|--------------|-------------|-------------|------------|
| 2/02/16 | 12:30a | 15.8        | 15.8       | 15.7        | 97         | 15.3       | 0.0           | ESE         | 0.00        | 1.6         | ESE       | 15.8          | 16.1          | 16.1         | 756.3 | 0.00 | 0.0          | 0.053       | 0.000       | 20.8       |
| 2/02/16 | 1:00a  | 15.6        | 15.8       | 15.6        | 97         | 15.1       | 0.0           | ESE         | 0.00        | 1.6         | ESE       | 15.6          | 15.9          | 15.9         | 756.1 | 0.00 | 0.0          | 0.057       | 0.000       | 20.8       |
| 2/02/16 | 1:30a  | 15.2        | 15.6       | 15.2        | 97         | 14.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.2          | 15.4          | 15.4         | 756.0 | 0.00 | 0.0          | 0.066       | 0.000       | 20.7       |
| 2/02/16 | 2:00a  | 14.9        | 15.2       | 14.8        | 97         | 14.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 14.9          | 15.1          | 15.1         | 756.0 | 0.00 | 0.0          | 0.072       | 0.000       | 20.7       |
| 2/02/16 | 2:30a  | 15.1        | 15.1       | 14.9        | 97         | 14.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.1          | 15.3          | 15.3         | 756.0 | 0.00 | 0.0          | 0.067       | 0.000       | 20.6       |
| 2/02/16 | 3:00a  | 14.6        | 15.1       | 14.6        | 97         | 14.1       | 0.0           | SSE         | 0.00        | 3.2         | SSE       | 14.6          | 14.8          | 14.8         | 756.0 | 0.00 | 0.0          | 0.079       | 0.000       | 20.6       |
| 2/02/16 | 3:30a  | 14.7        | 14.7       | 14.3        | 98         | 14.4       | 0.0           | ESE         | 0.00        | 1.6         | SE        | 14.7          | 14.9          | 14.9         | 756.1 | 0.00 | 0.0          | 0.076       | 0.000       | 20.5       |
| 2/02/16 | 4:00a  | 15.0        | 15.1       | 14.7        | 98         | 14.7       | 0.0           | ENE         | 0.00        | 3.2         | ENE       | 15.0          | 15.3          | 15.3         | 756.3 | 0.00 | 0.0          | 0.069       | 0.000       | 20.5       |
| 2/02/16 | 4:30a  | 15.0        | 15.1       | 15.0        | 97         | 14.5       | 0.0           | ESE         | 0.00        | 3.2         | E         | 15.0          | 15.2          | 15.2         | 756.6 | 0.00 | 0.0          | 0.069       | 0.000       | 20.4       |
| 2/02/16 | 5:00a  | 14.8        | 15.0       | 14.8        | 98         | 14.5       | 0.0           | ENE         | 0.00        | 1.6         | NNW       | 14.8          | 15.0          | 15.0         | 756.7 | 0.00 | 0.0          | 0.074       | 0.000       | 20.4       |
| 2/02/16 | 5:30a  | 14.6        | 14.8       | 14.6        | 97         | 14.1       | 0.0           | SSW         | 0.00        | 8.0         | S         | 14.6          | 14.8          | 14.8         | 756.9 | 0.00 | 0.0          | 0.078       | 0.000       | 20.4       |
| 2/02/16 | 6:00a  | 15.1        | 15.1       | 14.6        | 98         | 14.8       | 0.0           | N           | 0.00        | 3.2         | SW        | 15.1          | 15.4          | 15.4         | 757.2 | 0.00 | 0.0          | 0.067       | 0.000       | 20.4       |
| 2/02/16 | 6:30a  | 16.0        | 16.0       | 15.1        | 97         | 15.5       | 0.0           | ENE         | 0.00        | 4.8         | ENE       | 16.0          | 16.3          | 16.3         | 757.3 | 0.00 | 0.0          | 0.049       | 0.000       | 20.5       |
| 2/02/16 | 7:00a  | 18.1        | 18.1       | 16.0        | 88         | 16.0       | 0.0           | SE          | 0.00        | 9.7         | SE        | 18.1          | 18.5          | 18.5         | 757.7 | 0.00 | 0.0          | 0.006       | 0.000       | 20.8       |
| 2/02/16 | 7:30a  | 18.0        | 18.2       | 18.0        | 87         | 15.8       | 0.0           | WNW         | 0.00        | 4.8         | NNW       | 18.0          | 18.4          | 18.4         | 757.9 | 0.00 | 0.0          | 0.007       | 0.000       | 21.0       |
| 2/02/16 | 8:00a  | 19.4        | 19.6       | 18.0        | 80         | 15.9       | 1.6           | ESE         | 0.80        | 12.9        | E         | 19.4          | 20.1          | 20.1         | 758.0 | 0.00 | 0.0          | 0.000       | 0.023       | 21.3       |
| 2/02/16 | 8:30a  | 20.1        | 20.1       | 19.4        | 77         | 16.0       | 3.2           | ESE         | 1.61        | 12.9        | ESE       | 20.1          | 20.7          | 20.7         | 757.9 | 0.00 | 0.0          | 0.000       | 0.037       | 21.7       |
| 2/02/16 | 9:00a  | 20.7        | 20.7       | 19.9        | 73         | 15.7       | 3.2           | SE          | 1.61        | 17.7        | WNW       | 20.7          | 21.1          | 21.1         | 757.9 | 0.00 | 0.0          | 0.000       | 0.049       | 21.8       |
| 2/02/16 | 9:30a  | 20.7        | 21.1       | 20.6        | 74         | 15.9       | 1.6           | SE          | 0.80        | 12.9        | SSE       | 20.7          | 21.1          | 21.1         | 757.7 | 0.00 | 0.0          | 0.000       | 0.049       | 22.0       |
| 2/02/16 | 10:00a | 21.5        | 21.6       | 20.2        | 66         | 14.9       | 4.8           | SE          | 2.41        | 17.7        | NW        | 21.5          | 21.4          | 21.4         | 757.6 | 0.00 | 0.0          | 0.000       | 0.066       | 22.2       |
| 2/02/16 | 10:30a | 21.1        | 21.6       | 21.1        | 70         | 15.4       | 4.8           | SE          | 2.41        | 16.1        | SW        | 21.1          | 21.2          | 21.2         | 757.3 | 0.00 | 0.0          | 0.000       | 0.058       | 22.3       |
| 2/02/16 | 11:00a | 22.1        | 22.1       | 20.8        | 67         | 15.6       | 4.8           | SE          | 2.41        | 17.7        | SSW       | 22.1          | 22.3          | 22.3         | 756.8 | 0.00 | 0.0          | 0.000       | 0.078       | 22.3       |
| 2/02/16 | 11:30a | 22.1        | 22.3       | 21.9        | 67         | 15.6       | 6.4           | SE          | 3.22        | 20.9        | SE        | 22.1          | 22.3          | 22.3         | 756.5 | 0.00 | 0.0          | 0.000       | 0.078       | 22.4       |
| 2/02/16 | 12:00p | 22.8        | 22.8       | 22.1        | 63         | 15.4       | 6.4           | SE          | 3.22        | 20.9        | SE        | 22.8          | 23.2          | 23.2         | 756.1 | 0.00 | 0.0          | 0.000       | 0.094       | 22.4       |
| 2/02/16 | 12:30p | 22.6        | 22.9       | 22.5        | 63         | 15.2       | 4.8           | SE          | 2.41        | 19.3        | SSE       | 22.6          | 22.8          | 22.8         | 756.0 | 0.00 | 0.0          | 0.000       | 0.089       | 22.6       |
| 2/02/16 | 1:00p  | 22.3        | 22.7       | 22.3        | 65         | 15.4       | 4.8           | SE          | 2.41        | 19.3        | NNW       | 22.3          | 22.6          | 22.6         | 755.7 | 0.00 | 0.0          | 0.000       | 0.083       | 22.6       |
| 2/02/16 | 1:30p  | 22.7        | 23.1       | 22.1        | 62         | 15.0       | 4.8           | SE          | 2.41        | 24.1        | E         | 22.7          | 22.9          | 22.9         | 755.4 | 0.00 | 0.0          | 0.000       | 0.090       | 22.6       |
| 2/02/16 | 2:00p  | 22.4        | 23.0       | 22.4        | 66         | 15.7       | 4.8           | SSE         | 2.41        | 20.9        | WNW       | 22.4          | 22.7          | 22.7         | 755.4 | 0.00 | 0.0          | 0.000       | 0.084       | 22.7       |
| 2/02/16 | 2:30p  | 21.8        | 22.4       | 21.8        | 68         | 15.7       | 6.4           | ESE         | 3.22        | 22.5        | SSW       | 21.8          | 22.0          | 22.0         | 755.4 | 0.00 | 0.0          | 0.000       | 0.073       | 22.7       |
| 2/02/16 | 3:00p  | 21.4        | 21.8       | 21.3        | 71         | 16.0       | 4.8           | SE          | 2.41        | 17.7        | SE        | 21.4          | 21.7          | 21.7         | 755.5 | 0.00 | 0.0          | 0.000       | 0.065       | 22.7       |
| 2/02/16 | 3:30p  | 20.6        | 21.4       | 20.6        | 76         | 16.2       | 4.8           | ESE         | 2.41        | 22.5        | ESE       | 20.6          | 21.2          | 21.2         | 755.8 | 0.00 | 0.0          | 0.000       | 0.047       | 22.6       |
| 2/02/16 | 4:00p  | 20.1        | 20.6       | 20.1        | 80         | 16.6       | 1.6           | SE          | 0.80        | 14.5        | SE        | 20.1          | 20.8          | 20.8         | 756.0 | 0.00 | 0.0          | 0.000       | 0.037       | 22.4       |
| 2/02/16 | 4:30p  | 19.2        | 20.1       | 19.2        | 84         | 16.4       | 3.2           | E           | 1.61        | 14.5        | SE        | 19.2          | 19.8          | 19.8         | 756.2 | 0.00 | 0.0          | 0.000       | 0.017       | 22.3       |
| 2/02/16 | 5:00p  | 18.4        | 19.2       | 18.4        | 87         | 16.2       | 3.2           | SE          | 1.61        | 12.9        | SSE       | 18.4          | 18.9          | 18.9         | 756.5 | 0.00 | 0.0          | 0.000       | 0.001       | 22.2       |
| 2/02/16 | 5:30p  | 17.8        | 18.4       | 17.8        | 90         | 16.2       | 3.2           | SE          | 1.61        | 12.9        | SW        | 17.8          | 18.3          | 18.3         | 756.8 | 0.00 | 0.0          | 0.010       | 0.000       | 22.0       |
| 2/02/16 | 6:00p  | 17.4        | 17.8       | 17.4        | 92         | 16.1       | 3.2           | SE          | 1.61        | 11.3        | SSW       | 17.4          | 17.8          | 17.8         | 757.0 | 0.00 | 0.0          | 0.020       | 0.000       | 21.8       |
| 2/02/16 | 6:30p  | 17.3        | 17.4       | 17.3        | 91         | 15.8       | 3.2           | SE          | 1.61        | 11.3        | ESE       | 17.3          | 17.7          | 17.7         | 757.4 | 0.00 | 0.0          | 0.022       | 0.000       | 21.7       |
| 2/02/16 | 7:00p  | 17.3        | 17.3       | 17.2        | 91         | 15.8       | 1.6           | ESE         | 0.80        | 11.3        | SSE       | 17.3          | 17.7          | 17.7         | 757.7 | 0.00 | 0.0          | 0.022       | 0.000       | 21.7       |
| 2/02/16 | 7:30p  | 17.2        | 17.3       | 17.2        | 92         | 15.9       | 1.6           | ESE         | 0.80        | 8.0         | SW        | 17.2          | 17.6          | 17.6         | 757.8 | 0.00 | 0.0          | 0.024       | 0.000       | 21.6       |
| 2/02/16 | 8:00p  | 16.9        | 17.2       | 16.9        | 92         | 15.6       | 1.6           | ESE         | 0.80        | 6.4         | SE        | 16.9          | 17.2          | 17.2         | 758.1 | 0.00 | 0.0          | 0.030       | 0.000       | 21.5       |
| 2/02/16 | 8:30p  | 16.7        | 16.9       | 16.7        | 94         | 15.8       | 1.6           | ESE         | 0.80        | 8.0         | S         | 16.7          | 17.1          | 17.1         | 758.2 | 0.00 | 0.0          | 0.034       | 0.000       | 21.4       |
| 2/02/16 | 9:00p  | 16.4        | 16.7       | 16.4        | 94         | 15.4       | 1.6           | ESE         | 0.80        | 6.4         | SE        | 16.4          | 16.7          | 16.7         | 758.1 | 0.00 | 0.0          | 0.041       | 0.000       | 21.3       |
| 2/02/16 | 9:30p  | 16.3        | 16.4       | 16.3        | 95         | 15.5       | 1.6           | ESE         | 0.80        | 6.4         | ESE       | 16.3          | 16.7          | 16.7         | 758.0 | 0.00 | 0.0          | 0.042       | 0.000       | 21.3       |
| 2/02/16 | 10:00p | 16.1        | 16.3       | 16.1        | 96         | 15.5       | 1.6           | ESE         | 0.80        | 9.7         | SE        | 16.1          | 16.4          | 16.4         | 758.2 | 0.00 | 0.0          | 0.046       | 0.000       | 21.2       |
| 2/02/16 | 10:30p | 16.2        | 16.2       | 16.1        | 96         | 15.5       | 0.0           | ESE         | 0.00        | 4.8         | ESE       | 16.2          | 16.5          | 16.5         | 758.1 | 0.00 | 0.0          | 0.045       | 0.000       | 21.1       |
| 2/02/16 | 11:00p | 16.0        | 16.2       | 15.9        | 97         | 15.5       | 1.6           | ESE         | 0.80        | 6.4         | SSE       | 16.0          | 16.3          | 16.3         | 757.9 | 0.00 | 0.0          | 0.049       | 0.000       | 21.1       |
| 2/02/16 | 11:30p | 16.1        | 16.1       | 15.9        | 97         | 15.6       | 1.6           | SE          | 0.80        | 6.4         | NNW       | 16.1          | 16.4          | 16.4         | 757.6 | 0.00 | 0.0          | 0.047       | 0.000       | 21.1       |
| 3/02/16 | 12:00a | 15.9        | 16.1       | 15.9        | 97         | 15.4       | 0.0           | SE          | 0.00        | 6.4         | SSE       | 15.9          | 16.2          | 16.2         | 757.6 | 0.00 | 0.0          | 0.051       | 0.000       | 20.9       |

| Date    | Time   | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|---------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 2/02/16 | 12:30a | 75     | 16.2   | 21.3    | 14.45  | .0733          | 702       | 1       | 100.0      | 30        |
| 2/02/16 | 1:00a  | 75     | 16.2   | 21.2    | 14.45  | .0733          | 693       | 1       | 100.0      | 30        |
| 2/02/16 | 1:30a  | 75     | 16.1   | 21.2    | 14.45  | .0733          | 702       | 1       | 100.0      | 30        |
| 2/02/16 | 2:00a  | 75     | 16.1   | 21.2    | 14.45  | .0733          | 702       | 1       | 100.0      | 30        |
| 2/02/16 | 2:30a  | 75     | 16.0   | 21.2    | 14.45  | .0733          | 694       | 1       | 100.0      | 30        |
| 2/02/16 | 3:00a  | 75     | 16.0   | 21.1    | 14.45  | .0733          | 702       | 1       | 100.0      | 30        |
| 2/02/16 | 3:30a  | 75     | 15.9   | 21.1    | 14.45  | .0734          | 701       | 1       | 100.0      | 30        |
| 2/02/16 | 4:00a  | 75     | 15.9   | 21.1    | 14.45  | .0734          | 695       | 1       | 100.0      | 30        |
| 2/02/16 | 4:30a  | 75     | 15.9   | 21.0    | 14.45  | .0734          | 701       | 1       | 100.0      | 30        |
| 2/02/16 | 5:00a  | 75     | 15.8   | 20.9    | 14.45  | .0735          | 702       | 1       | 100.0      | 30        |
| 2/02/16 | 5:30a  | 75     | 15.8   | 20.9    | 14.45  | .0735          | 698       | 1       | 100.0      | 30        |
| 2/02/16 | 6:00a  | 75     | 15.8   | 20.9    | 14.45  | .0735          | 699       | 1       | 100.0      | 30        |
| 2/02/16 | 6:30a  | 75     | 15.9   | 21.1    | 14.45  | .0735          | 703       | 1       | 100.0      | 30        |
| 2/02/16 | 7:00a  | 75     | 16.2   | 21.3    | 14.45  | .0734          | 700       | 1       | 100.0      | 30        |
| 2/02/16 | 7:30a  | 75     | 16.4   | 21.4    | 14.45  | .0734          | 693       | 1       | 100.0      | 30        |
| 2/02/16 | 8:00a  | 74     | 16.5   | 21.7    | 14.23  | .0733          | 702       | 1       | 100.0      | 30        |
| 2/02/16 | 8:30a  | 74     | 16.8   | 22.1    | 14.21  | .0732          | 701       | 1       | 100.0      | 30        |
| 2/02/16 | 9:00a  | 74     | 17.0   | 22.3    | 14.20  | .0731          | 702       | 1       | 100.0      | 30        |
| 2/02/16 | 9:30a  | 74     | 17.2   | 22.5    | 14.19  | .0730          | 689       | 1       | 100.0      | 30        |
| 2/02/16 | 10:00a | 73     | 17.1   | 22.7    | 13.87  | .0730          | 702       | 1       | 100.0      | 30        |
| 2/02/16 | 10:30a | 72     | 17.0   | 22.8    | 13.67  | .0729          | 702       | 1       | 100.0      | 30        |
| 2/02/16 | 11:00a | 72     | 17.0   | 22.8    | 13.67  | .0729          | 703       | 1       | 100.0      | 30        |
| 2/02/16 | 11:30a | 72     | 17.1   | 22.9    | 13.66  | .0728          | 692       | 1       | 100.0      | 30        |
| 2/02/16 | 12:00p | 71     | 16.9   | 22.9    | 13.35  | .0728          | 699       | 1       | 100.0      | 30        |
| 2/02/16 | 12:30p | 71     | 17.0   | 23.1    | 13.35  | .0727          | 703       | 1       | 100.0      | 30        |
| 2/02/16 | 1:00p  | 71     | 17.1   | 23.2    | 13.34  | .0727          | 696       | 1       | 100.0      | 30        |
| 2/02/16 | 1:30p  | 71     | 17.1   | 23.2    | 13.34  | .0727          | 698       | 1       | 100.0      | 30        |
| 2/02/16 | 2:00p  | 71     | 17.1   | 23.3    | 13.34  | .0726          | 700       | 1       | 100.0      | 30        |
| 2/02/16 | 2:30p  | 71     | 17.1   | 23.3    | 13.34  | .0726          | 702       | 1       | 100.0      | 30        |
| 2/02/16 | 3:00p  | 71     | 17.1   | 23.3    | 13.34  | .0727          | 697       | 1       | 100.0      | 30        |
| 2/02/16 | 3:30p  | 72     | 17.3   | 23.2    | 13.64  | .0727          | 695       | 1       | 100.0      | 30        |
| 2/02/16 | 4:00p  | 72     | 17.1   | 23.0    | 13.65  | .0728          | 703       | 1       | 100.0      | 30        |
| 2/02/16 | 4:30p  | 73     | 17.3   | 22.9    | 13.86  | .0728          | 702       | 1       | 100.0      | 30        |
| 2/02/16 | 5:00p  | 73     | 17.1   | 22.7    | 13.87  | .0729          | 695       | 1       | 100.0      | 30        |
| 2/02/16 | 5:30p  | 73     | 16.9   | 22.4    | 13.89  | .0730          | 696       | 1       | 100.0      | 30        |
| 2/02/16 | 6:00p  | 74     | 17.0   | 22.3    | 14.20  | .0730          | 703       | 1       | 100.0      | 30        |
| 2/02/16 | 6:30p  | 74     | 16.9   | 22.1    | 14.21  | .0731          | 702       | 1       | 100.0      | 30        |
| 2/02/16 | 7:00p  | 74     | 16.8   | 22.1    | 14.21  | .0731          | 693       | 1       | 100.0      | 30        |
| 2/02/16 | 7:30p  | 74     | 16.7   | 21.9    | 14.22  | .0732          | 702       | 1       | 100.0      | 30        |
| 2/02/16 | 8:00p  | 74     | 16.7   | 21.9    | 14.22  | .0732          | 701       | 1       | 100.0      | 30        |
| 2/02/16 | 8:30p  | 74     | 16.6   | 21.8    | 14.23  | .0733          | 693       | 1       | 100.0      | 30        |
| 2/02/16 | 9:00p  | 74     | 16.5   | 21.7    | 14.23  | .0733          | 701       | 1       | 100.0      | 30        |
| 2/02/16 | 9:30p  | 74     | 16.5   | 21.6    | 14.24  | .0733          | 702       | 1       | 100.0      | 30        |
| 2/02/16 | 10:00p | 75     | 16.6   | 21.5    | 14.45  | .0733          | 696       | 1       | 100.0      | 30        |
| 2/02/16 | 10:30p | 75     | 16.5   | 21.4    | 14.45  | .0734          | 699       | 1       | 100.0      | 30        |
| 2/02/16 | 11:00p | 75     | 16.5   | 21.4    | 14.45  | .0734          | 703       | 1       | 100.0      | 30        |
| 2/02/16 | 11:30p | 75     | 16.5   | 21.4    | 14.45  | .0733          | 700       | 1       | 100.0      | 30        |
| 3/02/16 | 12:00a | 75     | 16.3   | 21.3    | 14.45  | .0734          | 696       | 1       | 100.0      | 30        |