

| Date    | Time   | Temp Out | Hi Temp | Low Temp | Out Hum | Dew Pt. | Wind Speed | Wind Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW Index | Bar   | Rain | Rain Rate | Heat D-D | Cool D-D | In Temp |
|---------|--------|----------|---------|----------|---------|---------|------------|----------|----------|----------|--------|------------|------------|-----------|-------|------|-----------|----------|----------|---------|
| 2/01/17 | 12:30a | 14.8     | 14.8    | 14.6     | 96      | 14.1    | 0.0        | NE       | 0.00     | 1.6      | E      | 14.8       | 15.0       | 15.0      | 760.0 | 0.00 | 0.0       | 0.074    | 0.000    | 18.8    |
| 2/01/17 | 1:00a  | 14.9     | 14.9    | 14.8     | 96      | 14.3    | 0.0        | NNE      | 0.00     | 3.2      | NE     | 14.9       | 15.2       | 15.2      | 759.7 | 0.00 | 0.0       | 0.071    | 0.000    | 18.8    |
| 2/01/17 | 1:30a  | 14.9     | 15.0    | 14.9     | 96      | 14.3    | 0.0        | N        | 0.00     | 4.8      | N      | 14.9       | 15.2       | 15.2      | 759.6 | 0.00 | 0.0       | 0.071    | 0.000    | 18.8    |
| 2/01/17 | 2:00a  | 14.8     | 14.9    | 14.8     | 95      | 14.0    | 0.0        | NNE      | 0.00     | 3.2      | NNE    | 14.8       | 15.1       | 15.1      | 759.4 | 0.00 | 0.0       | 0.073    | 0.000    | 18.8    |
| 2/01/17 | 2:30a  | 14.8     | 14.9    | 14.8     | 96      | 14.2    | 0.0        | ENE      | 0.00     | 3.2      | S      | 14.8       | 15.1       | 15.1      | 759.3 | 0.00 | 0.0       | 0.073    | 0.000    | 18.7    |
| 2/01/17 | 3:00a  | 14.6     | 14.9    | 14.6     | 95      | 13.8    | 0.0        | ENE      | 0.00     | 4.8      | NE     | 14.6       | 14.8       | 14.8      | 759.1 | 0.00 | 0.0       | 0.078    | 0.000    | 18.7    |
| 2/01/17 | 3:30a  | 14.1     | 14.6    | 14.1     | 96      | 13.5    | 0.0        | N        | 0.00     | 1.6      | NE     | 14.1       | 14.3       | 14.3      | 758.9 | 0.00 | 0.0       | 0.088    | 0.000    | 18.7    |
| 2/01/17 | 4:00a  | 13.5     | 14.1    | 13.5     | 96      | 12.9    | 0.0        | NNE      | 0.00     | 1.6      | NNE    | 13.5       | 13.6       | 13.6      | 759.1 | 0.00 | 0.0       | 0.101    | 0.000    | 18.6    |
| 2/01/17 | 4:30a  | 13.2     | 13.5    | 13.2     | 96      | 12.5    | 0.0        | NE       | 0.00     | 3.2      | NE     | 13.2       | 13.3       | 13.3      | 759.0 | 0.00 | 0.0       | 0.108    | 0.000    | 18.6    |
| 2/01/17 | 5:00a  | 12.7     | 13.2    | 12.7     | 96      | 12.1    | 0.0        | NE       | 0.00     | 1.6      | ENE    | 12.7       | 12.8       | 12.8      | 759.4 | 0.00 | 0.0       | 0.117    | 0.000    | 18.5    |
| 2/01/17 | 5:30a  | 12.8     | 12.8    | 12.6     | 97      | 12.4    | 0.0        | NE       | 0.00     | 1.6      | NE     | 12.8       | 13.0       | 13.0      | 759.5 | 0.00 | 0.0       | 0.115    | 0.000    | 18.4    |
| 2/01/17 | 6:00a  | 13.2     | 13.2    | 12.8     | 95      | 12.4    | 0.0        | SE       | 0.00     | 1.6      | SE     | 13.2       | 13.3       | 13.3      | 759.7 | 0.00 | 0.0       | 0.106    | 0.000    | 18.4    |
| 2/01/17 | 6:30a  | 14.3     | 14.3    | 13.2     | 92      | 13.1    | 0.0        | N        | 0.00     | 1.6      | NNW    | 14.3       | 14.4       | 14.4      | 760.1 | 0.00 | 0.0       | 0.083    | 0.000    | 18.5    |
| 2/01/17 | 7:00a  | 16.8     | 16.8    | 14.3     | 81      | 13.5    | 0.0        | NE       | 0.00     | 4.8      | NE     | 16.8       | 16.9       | 16.9      | 760.4 | 0.00 | 0.0       | 0.032    | 0.000    | 18.7    |
| 2/01/17 | 7:30a  | 18.2     | 18.2    | 16.8     | 77      | 14.1    | 0.0        | NE       | 0.00     | 4.8      | ENE    | 18.2       | 18.4       | 18.4      | 760.5 | 0.00 | 0.0       | 0.003    | 0.000    | 19.0    |
| 2/01/17 | 8:00a  | 19.6     | 19.6    | 18.2     | 71      | 14.2    | 1.6        | NE       | 0.80     | 6.4      | N      | 19.6       | 19.9       | 19.9      | 760.4 | 0.00 | 0.0       | 0.000    | 0.027    | 19.3    |
| 2/01/17 | 8:30a  | 20.7     | 20.7    | 19.7     | 62      | 13.2    | 1.6        | NE       | 0.80     | 8.0      | NNE    | 20.7       | 20.4       | 20.4      | 760.3 | 0.00 | 0.0       | 0.000    | 0.050    | 19.7    |
| 2/01/17 | 9:00a  | 21.8     | 21.8    | 20.7     | 60      | 13.7    | 1.6        | NNE      | 0.80     | 9.7      | NE     | 21.8       | 21.6       | 21.6      | 760.3 | 0.00 | 0.0       | 0.000    | 0.072    | 19.9    |
| 2/01/17 | 9:30a  | 22.7     | 22.7    | 21.7     | 57      | 13.7    | 3.2        | NE       | 1.61     | 12.9     | NNE    | 22.7       | 22.7       | 22.7      | 760.2 | 0.00 | 0.0       | 0.000    | 0.090    | 20.2    |
| 2/01/17 | 10:00a | 23.3     | 23.3    | 22.7     | 51      | 12.6    | 3.2        | NE       | 1.61     | 12.9     | N      | 23.3       | 23.2       | 23.2      | 759.9 | 0.00 | 0.0       | 0.000    | 0.103    | 20.3    |
| 2/01/17 | 10:30a | 24.4     | 24.4    | 23.3     | 45      | 11.7    | 1.6        | NE       | 0.80     | 11.3     | NNE    | 24.4       | 24.2       | 24.2      | 759.6 | 0.00 | 0.0       | 0.000    | 0.126    | 20.4    |
| 2/01/17 | 11:00a | 24.7     | 24.7    | 24.3     | 44      | 11.6    | 3.2        | NE       | 1.61     | 11.3     | NNE    | 24.7       | 24.4       | 24.4      | 759.2 | 0.00 | 0.0       | 0.000    | 0.132    | 20.6    |
| 2/01/17 | 11:30a | 25.4     | 25.4    | 24.7     | 44      | 12.2    | 1.6        | NE       | 0.80     | 11.3     | NE     | 25.4       | 25.1       | 25.1      | 758.8 | 0.00 | 0.0       | 0.000    | 0.147    | 20.7    |
| 2/01/17 | 12:00p | 25.2     | 25.4    | 25.1     | 43      | 11.7    | 1.6        | NE       | 0.80     | 9.7      | ESE    | 25.2       | 24.8       | 24.8      | 758.2 | 0.00 | 0.0       | 0.000    | 0.142    | 20.7    |
| 2/01/17 | 12:30p | 25.3     | 25.4    | 25.1     | 46      | 12.9    | 1.6        | NE       | 0.80     | 8.0      | NE     | 25.3       | 25.1       | 25.1      | 757.7 | 0.00 | 0.0       | 0.000    | 0.146    | 20.8    |
| 2/01/17 | 1:00p  | 25.1     | 25.4    | 24.9     | 44      | 12.0    | 1.6        | NE       | 0.80     | 11.3     | NNE    | 25.1       | 24.8       | 24.8      | 757.3 | 0.00 | 0.0       | 0.000    | 0.141    | 20.9    |
| 2/01/17 | 1:30p  | 25.2     | 25.2    | 25.0     | 43      | 11.7    | 1.6        | NW       | 0.80     | 6.4      | WNW    | 25.2       | 24.8       | 24.8      | 756.9 | 0.00 | 0.0       | 0.000    | 0.142    | 21.0    |
| 2/01/17 | 2:00p  | 25.3     | 25.3    | 25.1     | 43      | 11.8    | 1.6        | NE       | 0.80     | 8.0      | ENE    | 25.3       | 24.9       | 24.9      | 756.8 | 0.00 | 0.0       | 0.000    | 0.145    | 21.1    |
| 2/01/17 | 2:30p  | 24.9     | 25.3    | 24.9     | 42      | 11.1    | 1.6        | WNW      | 0.80     | 6.4      | NE     | 24.9       | 24.6       | 24.6      | 756.8 | 0.00 | 0.0       | 0.000    | 0.138    | 21.1    |
| 2/01/17 | 3:00p  | 24.3     | 24.9    | 24.3     | 43      | 10.9    | 0.0        | WNW      | 0.00     | 6.4      | NE     | 24.3       | 23.9       | 23.9      | 756.8 | 0.00 | 0.0       | 0.000    | 0.124    | 21.1    |
| 2/01/17 | 3:30p  | 22.7     | 24.3    | 22.7     | 67      | 16.2    | 1.6        | NE       | 0.80     | 9.7      | ENE    | 22.7       | 23.1       | 23.1      | 757.0 | 0.00 | 0.0       | 0.000    | 0.090    | 21.1    |
| 2/01/17 | 4:00p  | 21.4     | 22.7    | 21.4     | 74      | 16.6    | 1.6        | ENE      | 0.80     | 9.7      | ESE    | 21.4       | 21.7       | 21.7      | 757.1 | 0.00 | 0.0       | 0.000    | 0.064    | 21.0    |
| 2/01/17 | 4:30p  | 20.3     | 21.4    | 20.3     | 79      | 16.5    | 1.6        | ESE      | 0.80     | 9.7      | ESE    | 20.3       | 21.0       | 21.0      | 757.4 | 0.00 | 0.0       | 0.000    | 0.041    | 20.8    |
| 2/01/17 | 5:00p  | 19.3     | 20.3    | 19.3     | 84      | 16.6    | 0.0        | ESE      | 0.00     | 4.8      | NE     | 19.3       | 20.0       | 20.0      | 757.7 | 0.00 | 0.0       | 0.000    | 0.021    | 20.7    |
| 2/01/17 | 5:30p  | 18.7     | 19.3    | 18.7     | 87      | 16.5    | 0.0        | SE       | 0.00     | 4.8      | SE     | 18.7       | 19.2       | 19.2      | 758.0 | 0.00 | 0.0       | 0.000    | 0.007    | 20.6    |
| 2/01/17 | 6:00p  | 18.1     | 18.6    | 18.1     | 89      | 16.3    | 0.0        | SSE      | 0.00     | 6.4      | SSW    | 18.1       | 18.6       | 18.6      | 758.1 | 0.00 | 0.0       | 0.005    | 0.000    | 20.4    |
| 2/01/17 | 6:30p  | 16.9     | 18.1    | 16.9     | 91      | 15.5    | 0.0        | ---      | 0.00     | 0.0      | ---    | 16.9       | 17.3       | 17.3      | 758.4 | 0.00 | 0.0       | 0.029    | 0.000    | 20.3    |
| 2/01/17 | 7:00p  | 16.3     | 16.9    | 16.3     | 91      | 14.9    | 0.0        | SE       | 0.00     | 1.6      | SE     | 16.3       | 16.6       | 16.6      | 758.9 | 0.00 | 0.0       | 0.042    | 0.000    | 20.2    |
| 2/01/17 | 7:30p  | 16.1     | 16.3    | 16.1     | 89      | 14.2    | 0.0        | ESE      | 0.00     | 1.6      | ESE    | 16.1       | 16.3       | 16.3      | 759.3 | 0.00 | 0.0       | 0.047    | 0.000    | 20.0    |
| 2/01/17 | 8:00p  | 15.4     | 16.1    | 15.4     | 90      | 13.8    | 0.0        | ---      | 0.00     | 0.0      | ---    | 15.4       | 15.6       | 15.6      | 759.5 | 0.00 | 0.0       | 0.060    | 0.000    | 19.9    |
| 2/01/17 | 8:30p  | 15.0     | 15.4    | 15.0     | 90      | 13.4    | 0.0        | SE       | 0.00     | 1.6      | SE     | 15.0       | 15.1       | 15.1      | 759.6 | 0.00 | 0.0       | 0.069    | 0.000    | 19.8    |
| 2/01/17 | 9:00p  | 14.7     | 15.0    | 14.7     | 91      | 13.3    | 0.0        | ---      | 0.00     | 0.0      | ---    | 14.7       | 14.8       | 14.8      | 759.7 | 0.00 | 0.0       | 0.075    | 0.000    | 19.7    |
| 2/01/17 | 9:30p  | 14.1     | 14.7    | 14.1     | 91      | 12.6    | 0.0        | ---      | 0.00     | 0.0      | ---    | 14.1       | 14.1       | 14.1      | 759.6 | 0.00 | 0.0       | 0.089    | 0.000    | 19.6    |
| 2/01/17 | 10:00p | 13.8     | 14.1    | 13.8     | 93      | 12.7    | 0.0        | ---      | 0.00     | 0.0      | ---    | 13.8       | 13.9       | 13.9      | 759.6 | 0.00 | 0.0       | 0.094    | 0.000    | 19.4    |
| 2/01/17 | 10:30p | 13.8     | 13.9    | 13.7     | 94      | 12.8    | 0.0        | ---      | 0.00     | 0.0      | ---    | 13.8       | 13.9       | 13.9      | 759.4 | 0.00 | 0.0       | 0.095    | 0.000    | 19.4    |
| 2/01/17 | 11:00p | 13.8     | 13.8    | 13.8     | 93      | 12.7    | 0.0        | ---      | 0.00     | 0.0      | ---    | 13.8       | 13.9       | 13.9      | 759.4 | 0.00 | 0.0       | 0.094    | 0.000    | 19.3    |
| 2/01/17 | 11:30p | 13.0     | 13.8    | 13.0     | 93      | 11.9    | 0.0        | ---      | 0.00     | 0.0      | ---    | 13.0       | 13.1       | 13.1      | 759.3 | 0.00 | 0.0       | 0.111    | 0.000    | 19.2    |
| 3/01/17 | 12:00a | 13.1     | 13.2    | 12.9     | 94      | 12.2    | 0.0        | ---      | 0.00     | 0.0      | ---    | 13.1       | 13.2       | 13.2      | 758.9 | 0.00 | 0.0       | 0.109    | 0.000    | 19.2    |

| Date    | Time   | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|---------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 2/01/17 | 12:30a | 73     | 13.9   | 19.1    | 14.03  | .0743          | 696       | 1       | 100.0      | 30        |
| 2/01/17 | 1:00a  | 73     | 13.9   | 19.1    | 14.03  | .0743          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 1:30a  | 73     | 13.9   | 19.1    | 14.03  | .0743          | 703       | 1       | 100.0      | 30        |
| 2/01/17 | 2:00a  | 73     | 13.8   | 18.9    | 14.03  | .0743          | 693       | 1       | 100.0      | 30        |
| 2/01/17 | 2:30a  | 73     | 13.8   | 18.9    | 14.04  | .0743          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 3:00a  | 74     | 13.9   | 18.9    | 14.25  | .0743          | 703       | 1       | 100.0      | 30        |
| 2/01/17 | 3:30a  | 74     | 13.9   | 18.9    | 14.25  | .0743          | 693       | 1       | 100.0      | 30        |
| 2/01/17 | 4:00a  | 74     | 13.9   | 18.8    | 14.25  | .0743          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 4:30a  | 74     | 13.8   | 18.7    | 14.25  | .0743          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 5:00a  | 74     | 13.8   | 18.7    | 14.25  | .0744          | 695       | 1       | 100.0      | 30        |
| 2/01/17 | 5:30a  | 74     | 13.7   | 18.6    | 14.25  | .0744          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 6:00a  | 74     | 13.7   | 18.6    | 14.25  | .0744          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 6:30a  | 73     | 13.6   | 18.6    | 14.04  | .0745          | 695       | 1       | 100.0      | 30        |
| 2/01/17 | 7:00a  | 73     | 13.7   | 18.8    | 14.04  | .0744          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 7:30a  | 72     | 13.8   | 19.2    | 13.75  | .0743          | 703       | 1       | 100.0      | 30        |
| 2/01/17 | 8:00a  | 71     | 13.9   | 19.6    | 13.51  | .0742          | 699       | 1       | 100.0      | 30        |
| 2/01/17 | 8:30a  | 71     | 14.3   | 19.9    | 13.50  | .0741          | 694       | 1       | 100.0      | 30        |
| 2/01/17 | 9:00a  | 70     | 14.3   | 20.3    | 13.23  | .0740          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 9:30a  | 69     | 14.3   | 20.4    | 12.92  | .0740          | 703       | 1       | 100.0      | 30        |
| 2/01/17 | 10:00a | 68     | 14.2   | 20.5    | 12.61  | .0739          | 694       | 1       | 100.0      | 30        |
| 2/01/17 | 10:30a | 68     | 14.3   | 20.6    | 12.60  | .0738          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 11:00a | 67     | 14.2   | 20.6    | 12.37  | .0738          | 703       | 1       | 100.0      | 30        |
| 2/01/17 | 11:30a | 66     | 14.1   | 20.7    | 12.15  | .0737          | 695       | 1       | 100.0      | 30        |
| 2/01/17 | 12:00p | 66     | 14.1   | 20.7    | 12.15  | .0737          | 703       | 1       | 100.0      | 30        |
| 2/01/17 | 12:30p | 66     | 14.2   | 20.8    | 12.15  | .0736          | 694       | 1       | 100.0      | 30        |
| 2/01/17 | 1:00p  | 65     | 14.1   | 20.8    | 11.86  | .0735          | 703       | 1       | 100.0      | 30        |
| 2/01/17 | 1:30p  | 65     | 14.2   | 20.8    | 11.85  | .0735          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 2:00p  | 65     | 14.2   | 20.9    | 11.85  | .0734          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 2:30p  | 65     | 14.3   | 20.9    | 11.85  | .0734          | 691       | 1       | 100.0      | 30        |
| 2/01/17 | 3:00p  | 64     | 14.0   | 20.9    | 11.65  | .0734          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 3:30p  | 65     | 14.2   | 20.9    | 11.85  | .0735          | 703       | 1       | 100.0      | 30        |
| 2/01/17 | 4:00p  | 65     | 14.2   | 20.8    | 11.85  | .0735          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 4:30p  | 67     | 14.5   | 20.8    | 12.36  | .0735          | 692       | 1       | 100.0      | 30        |
| 2/01/17 | 5:00p  | 67     | 14.4   | 20.7    | 12.36  | .0736          | 701       | 1       | 100.0      | 30        |
| 2/01/17 | 5:30p  | 68     | 14.4   | 20.7    | 12.59  | .0737          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 6:00p  | 69     | 14.5   | 20.6    | 12.90  | .0737          | 703       | 1       | 100.0      | 30        |
| 2/01/17 | 6:30p  | 69     | 14.4   | 20.5    | 12.91  | .0738          | 692       | 1       | 100.0      | 30        |
| 2/01/17 | 7:00p  | 70     | 14.5   | 20.4    | 13.22  | .0738          | 703       | 1       | 100.0      | 30        |
| 2/01/17 | 7:30p  | 70     | 14.4   | 20.3    | 13.23  | .0739          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 8:00p  | 70     | 14.3   | 20.2    | 13.24  | .0740          | 694       | 1       | 100.0      | 30        |
| 2/01/17 | 8:30p  | 71     | 14.4   | 20.1    | 13.50  | .0740          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 9:00p  | 71     | 14.3   | 19.9    | 13.50  | .0741          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 9:30p  | 71     | 14.2   | 19.8    | 13.51  | .0741          | 695       | 1       | 100.0      | 30        |
| 2/01/17 | 10:00p | 71     | 14.0   | 19.7    | 13.51  | .0741          | 702       | 1       | 100.0      | 30        |
| 2/01/17 | 10:30p | 71     | 14.0   | 19.6    | 13.51  | .0741          | 703       | 1       | 100.0      | 30        |
| 2/01/17 | 11:00p | 72     | 14.2   | 19.6    | 13.75  | .0741          | 695       | 1       | 100.0      | 30        |
| 2/01/17 | 11:30p | 72     | 14.0   | 19.4    | 13.75  | .0741          | 703       | 1       | 100.0      | 30        |
| 3/01/17 | 12:00a | 72     | 14.0   | 19.4    | 13.75  | .0741          | 702       | 1       | 100.0      | 30        |