

| 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 |
|---------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|-------|------|--------------|-------------|-------------|------------|
| 7/03/16 | 12:30a | 16.7 | 16.8 | 16.6 | 95 | 15.9 | 0.0 | NNE | 0.00 | 3.2 | NNE | 16.7 | 17.1 | 17.1 | 759.9 | 0.00 | 0.0 | 0.035 | 0.000 | 20.8 |
| 7/03/16 | 1:00a | 16.3 | 16.7 | 16.3 | 95 | 15.5 | 0.0 | NNE | 0.00 | 6.4 | NNE | 16.3 | 16.7 | 16.7 | 759.6 | 0.00 | 0.0 | 0.042 | 0.000 | 20.8 |
| 7/03/16 | 1:30a | 16.2 | 16.3 | 16.2 | 95 | 15.4 | 0.0 | NE | 0.00 | 3.2 | NNE | 16.2 | 16.5 | 16.5 | 759.4 | 0.00 | 0.0 | 0.044 | 0.000 | 20.7 |
| 7/03/16 | 2:00a | 16.2 | 16.3 | 16.2 | 94 | 15.3 | 0.0 | NE | 0.00 | 3.2 | NE | 16.2 | 16.5 | 16.5 | 758.9 | 0.00 | 0.0 | 0.044 | 0.000 | 20.7 |
| 7/03/16 | 2:30a | 16.3 | 16.3 | 16.2 | 93 | 15.2 | 0.0 | ENE | 0.00 | 1.6 | NE | 16.3 | 16.6 | 16.6 | 759.1 | 0.00 | 0.0 | 0.042 | 0.000 | 20.6 |
| 7/03/16 | 3:00a | 16.4 | 16.4 | 16.3 | 94 | 15.4 | 0.0 | NNE | 0.00 | 3.2 | NNE | 16.4 | 16.7 | 16.7 | 759.1 | 0.00 | 0.0 | 0.041 | 0.000 | 20.6 |
| 7/03/16 | 3:30a | 16.3 | 16.4 | 16.3 | 94 | 15.4 | 0.0 | NE | 0.00 | 6.4 | NE | 16.3 | 16.7 | 16.7 | 759.1 | 0.00 | 0.0 | 0.042 | 0.000 | 20.6 |
| 7/03/16 | 4:00a | 16.1 | 16.3 | 16.1 | 94 | 15.1 | 0.0 | NE | 0.00 | 3.2 | NE | 16.1 | 16.3 | 16.3 | 759.1 | 0.00 | 0.0 | 0.047 | 0.000 | 20.6 |
| 7/03/16 | 4:30a | 15.6 | 16.1 | 15.6 | 95 | 14.8 | 0.0 | N | 0.00 | 1.6 | NNE | 15.6 | 15.8 | 15.8 | 759.3 | 0.00 | 0.0 | 0.058 | 0.000 | 20.4 |
| 7/03/16 | 5:00a | 15.2 | 15.6 | 15.2 | 96 | 14.6 | 0.0 | N | 0.00 | 1.6 | N | 15.2 | 15.4 | 15.4 | 759.2 | 0.00 | 0.0 | 0.065 | 0.000 | 20.4 |
| 7/03/16 | 5:30a | 14.8 | 15.2 | 14.8 | 96 | 14.2 | 0.0 | SE | 0.00 | 1.6 | NNW | 14.8 | 15.1 | 15.1 | 759.3 | 0.00 | 0.0 | 0.073 | 0.000 | 20.4 |
| 7/03/16 | 6:00a | 14.7 | 14.8 | 14.7 | 96 | 14.0 | 0.0 | --- | 0.00 | 0.0 | --- | 14.7 | 14.9 | 14.9 | 759.4 | 0.00 | 0.0 | 0.076 | 0.000 | 20.3 |
| 7/03/16 | 6:30a | 14.9 | 14.9 | 14.7 | 97 | 14.5 | 0.0 | E | 0.00 | 1.6 | E | 14.9 | 15.2 | 15.2 | 759.7 | 0.00 | 0.0 | 0.071 | 0.000 | 20.3 |
| 7/03/16 | 7:00a | 15.1 | 15.2 | 14.9 | 97 | 14.6 | 0.0 | ENE | 0.00 | 3.2 | ENE | 15.1 | 15.3 | 15.3 | 759.9 | 0.00 | 0.0 | 0.067 | 0.000 | 20.3 |
| 7/03/16 | 7:30a | 15.3 | 15.3 | 15.1 | 97 | 14.9 | 0.0 | ENE | 0.00 | 1.6 | ENE | 15.3 | 15.6 | 15.6 | 760.3 | 0.00 | 0.0 | 0.063 | 0.000 | 20.3 |
| 7/03/16 | 8:00a | 16.1 | 16.1 | 15.4 | 96 | 15.4 | 0.0 | --- | 0.00 | 0.0 | --- | 16.1 | 16.3 | 16.3 | 760.7 | 0.00 | 0.0 | 0.047 | 0.000 | 20.5 |
| 7/03/16 | 8:30a | 17.2 | 17.2 | 16.1 | 89 | 15.3 | 0.0 | W | 0.00 | 3.2 | W | 17.2 | 17.5 | 17.5 | 760.8 | 0.00 | 0.0 | 0.024 | 0.000 | 20.8 |
| 7/03/16 | 9:00a | 19.8 | 19.8 | 17.2 | 82 | 16.6 | 0.0 | ENE | 0.00 | 3.2 | ENE | 19.8 | 20.5 | 20.5 | 761.0 | 0.00 | 0.0 | 0.000 | 0.030 | 21.2 |
| 7/03/16 | 9:30a | 20.9 | 21.0 | 19.8 | 76 | 16.6 | 0.0 | WNW | 0.00 | 6.4 | NNW | 20.9 | 21.4 | 21.4 | 761.0 | 0.00 | 0.0 | 0.000 | 0.054 | 21.5 |
| 7/03/16 | 10:00a | 21.7 | 21.7 | 20.9 | 77 | 17.5 | 1.6 | SE | 0.80 | 8.0 | WNW | 21.7 | 22.3 | 22.3 | 761.1 | 0.00 | 0.0 | 0.000 | 0.071 | 21.8 |
| 7/03/16 | 10:30a | 21.9 | 22.4 | 21.7 | 73 | 16.8 | 1.6 | ESE | 0.80 | 9.7 | NW | 21.9 | 22.3 | 22.3 | 760.8 | 0.00 | 0.0 | 0.000 | 0.074 | 22.2 |
| 7/03/16 | 11:00a | 23.4 | 23.4 | 21.9 | 68 | 17.2 | 3.2 | SE | 1.61 | 12.9 | SSE | 23.4 | 24.3 | 24.3 | 760.6 | 0.00 | 0.0 | 0.000 | 0.106 | 22.5 |
| 7/03/16 | 11:30a | 24.8 | 24.9 | 23.4 | 61 | 16.8 | 3.2 | SE | 1.61 | 11.3 | NNW | 24.8 | 25.3 | 25.3 | 760.1 | 0.00 | 0.0 | 0.000 | 0.135 | 22.8 |
| 7/03/16 | 12:00p | 24.4 | 25.0 | 24.4 | 62 | 16.6 | 3.2 | SE | 1.61 | 11.3 | SE | 24.4 | 24.9 | 24.9 | 759.7 | 0.00 | 0.0 | 0.000 | 0.126 | 23.0 |
| 7/03/16 | 12:30p | 24.3 | 24.8 | 24.2 | 63 | 16.8 | 4.8 | SSW | 2.41 | 17.7 | ESE | 24.3 | 24.8 | 24.8 | 759.3 | 0.00 | 0.0 | 0.000 | 0.124 | 23.1 |
| 7/03/16 | 1:00p | 24.5 | 24.5 | 23.7 | 62 | 16.7 | 3.2 | SW | 1.61 | 14.5 | SE | 24.5 | 25.0 | 25.0 | 758.7 | 0.00 | 0.0 | 0.000 | 0.128 | 23.2 |
| 7/03/16 | 1:30p | 25.3 | 25.6 | 24.6 | 56 | 15.9 | 4.8 | SE | 2.41 | 17.7 | SW | 25.3 | 25.6 | 25.6 | 758.4 | 0.00 | 0.0 | 0.000 | 0.145 | 23.3 |
| 7/03/16 | 2:00p | 24.7 | 25.8 | 24.7 | 58 | 15.8 | 4.8 | SE | 2.41 | 20.9 | SE | 24.7 | 25.0 | 25.0 | 758.0 | 0.00 | 0.0 | 0.000 | 0.132 | 23.3 |
| 7/03/16 | 2:30p | 24.2 | 24.8 | 23.8 | 62 | 16.5 | 4.8 | ESE | 2.41 | 16.1 | SSE | 24.2 | 24.8 | 24.8 | 757.5 | 0.00 | 0.0 | 0.000 | 0.123 | 23.4 |
| 7/03/16 | 3:00p | 24.9 | 24.9 | 24.1 | 61 | 16.9 | 4.8 | ESE | 2.41 | 20.9 | SSW | 24.9 | 25.4 | 25.4 | 757.2 | 0.00 | 0.0 | 0.000 | 0.137 | 23.3 |
| 7/03/16 | 3:30p | 24.6 | 24.9 | 24.3 | 61 | 16.6 | 4.8 | SE | 2.41 | 19.3 | ESE | 24.6 | 25.1 | 25.1 | 757.1 | 0.00 | 0.0 | 0.000 | 0.131 | 23.3 |
| 7/03/16 | 4:00p | 23.9 | 24.7 | 23.9 | 64 | 16.7 | 3.2 | NE | 1.61 | 17.7 | NNE | 23.9 | 24.6 | 24.6 | 756.9 | 0.00 | 0.0 | 0.000 | 0.116 | 23.3 |
| 7/03/16 | 4:30p | 23.3 | 23.9 | 23.3 | 67 | 16.8 | 4.8 | SE | 2.41 | 17.7 | SSW | 23.3 | 24.0 | 24.0 | 756.9 | 0.00 | 0.0 | 0.000 | 0.103 | 23.3 |
| 7/03/16 | 5:00p | 22.4 | 23.3 | 22.4 | 72 | 17.1 | 3.2 | SSE | 1.61 | 20.9 | SE | 22.4 | 23.0 | 23.0 | 756.9 | 0.00 | 0.0 | 0.000 | 0.086 | 23.2 |
| 7/03/16 | 5:30p | 21.1 | 22.4 | 21.1 | 80 | 17.5 | 3.2 | SE | 1.61 | 16.1 | ESE | 21.1 | 21.7 | 21.7 | 757.2 | 0.00 | 0.0 | 0.000 | 0.058 | 23.1 |
| 7/03/16 | 6:00p | 20.2 | 21.1 | 20.2 | 85 | 17.6 | 1.6 | SE | 0.80 | 14.5 | SSE | 20.2 | 21.1 | 21.1 | 757.2 | 0.00 | 0.0 | 0.000 | 0.038 | 22.8 |
| 7/03/16 | 6:30p | 19.3 | 20.2 | 19.3 | 88 | 17.3 | 1.6 | ESE | 0.80 | 12.9 | E | 19.3 | 20.1 | 20.1 | 757.5 | 0.00 | 0.0 | 0.000 | 0.021 | 22.6 |
| 7/03/16 | 7:00p | 18.8 | 19.3 | 18.8 | 89 | 17.0 | 1.6 | SSE | 0.80 | 9.7 | S | 18.8 | 19.5 | 19.5 | 757.6 | 0.00 | 0.0 | 0.000 | 0.010 | 22.4 |
| 7/03/16 | 7:30p | 18.4 | 18.8 | 18.4 | 92 | 17.1 | 3.2 | SE | 1.61 | 11.3 | E | 18.4 | 19.0 | 19.0 | 758.1 | 0.00 | 0.0 | 0.000 | 0.001 | 22.3 |
| 7/03/16 | 8:00p | 17.9 | 18.4 | 17.9 | 92 | 16.6 | 0.0 | ESE | 0.00 | 4.8 | NW | 17.9 | 18.4 | 18.4 | 758.5 | 0.00 | 0.0 | 0.009 | 0.000 | 22.2 |
| 7/03/16 | 8:30p | 17.6 | 17.9 | 17.6 | 93 | 16.4 | 0.0 | SSE | 0.00 | 1.6 | WNW | 17.6 | 18.1 | 18.1 | 759.1 | 0.00 | 0.0 | 0.016 | 0.000 | 22.1 |
| 7/03/16 | 9:00p | 17.9 | 17.9 | 17.5 | 91 | 16.4 | 0.0 | S | 0.00 | 3.2 | ENE | 17.9 | 18.4 | 18.4 | 759.3 | 0.00 | 0.0 | 0.009 | 0.000 | 21.9 |
| 7/03/16 | 9:30p | 17.5 | 17.9 | 17.5 | 91 | 16.0 | 0.0 | SSE | 0.00 | 3.2 | SSE | 17.5 | 17.9 | 17.9 | 759.3 | 0.00 | 0.0 | 0.017 | 0.000 | 21.8 |
| 7/03/16 | 10:00p | 17.4 | 17.5 | 17.2 | 89 | 15.6 | 1.6 | SSE | 0.80 | 9.7 | SSW | 17.4 | 17.8 | 17.8 | 759.2 | 0.00 | 0.0 | 0.020 | 0.000 | 21.8 |
| 7/03/16 | 10:30p | 16.6 | 17.4 | 16.6 | 91 | 15.1 | 0.0 | ESE | 0.00 | 1.6 | ESE | 16.6 | 16.8 | 16.8 | 759.5 | 0.00 | 0.0 | 0.037 | 0.000 | 21.7 |
| 7/03/16 | 11:00p | 15.6 | 16.5 | 15.6 | 93 | 14.5 | 0.0 | --- | 0.00 | 0.0 | --- | 15.6 | 15.8 | 15.8 | 759.6 | 0.00 | 0.0 | 0.057 | 0.000 | 21.5 |
| 7/03/16 | 11:30p | 15.3 | 15.6 | 15.3 | 94 | 14.3 | 0.0 | --- | 0.00 | 0.0 | --- | 15.3 | 15.5 | 15.5 | 759.6 | 0.00 | 0.0 | 0.064 | 0.000 | 21.4 |
| 8/03/16 | 12:00a | 14.9 | 15.3 | 14.9 | 94 | 14.0 | 0.0 | --- | 0.00 | 0.0 | --- | 14.9 | 15.2 | 15.2 | 759.3 | 0.00 | 0.0 | 0.071 | 0.000 | 21.3 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|---------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 7/03/16 | 12:30a | 75 | 16.2 | 21.3 | 14.45 | .0736 | 692 | 1 | 100.0 | 30 |
| 7/03/16 | 1:00a | 75 | 16.2 | 21.2 | 14.45 | .0736 | 703 | 1 | 100.0 | 30 |
| 7/03/16 | 1:30a | 75 | 16.1 | 21.2 | 14.45 | .0736 | 702 | 1 | 100.0 | 30 |
| 7/03/16 | 2:00a | 75 | 16.1 | 21.2 | 14.45 | .0736 | 697 | 1 | 100.0 | 30 |
| 7/03/16 | 2:30a | 75 | 16.0 | 21.2 | 14.45 | .0736 | 698 | 1 | 100.0 | 30 |
| 7/03/16 | 3:00a | 75 | 16.0 | 21.2 | 14.45 | .0736 | 702 | 1 | 100.0 | 30 |
| 7/03/16 | 3:30a | 75 | 16.0 | 21.2 | 14.45 | .0736 | 703 | 1 | 100.0 | 30 |
| 7/03/16 | 4:00a | 75 | 16.0 | 21.1 | 14.45 | .0736 | 692 | 1 | 100.0 | 30 |
| 7/03/16 | 4:30a | 75 | 15.9 | 21.0 | 14.45 | .0737 | 703 | 1 | 100.0 | 30 |
| 7/03/16 | 5:00a | 76 | 16.1 | 21.1 | 14.77 | .0737 | 702 | 1 | 100.0 | 30 |
| 7/03/16 | 5:30a | 76 | 16.0 | 21.0 | 14.78 | .0737 | 694 | 1 | 100.0 | 30 |
| 7/03/16 | 6:00a | 76 | 16.0 | 20.9 | 14.78 | .0737 | 702 | 1 | 100.0 | 30 |
| 7/03/16 | 6:30a | 76 | 15.9 | 20.8 | 14.78 | .0738 | 702 | 1 | 100.0 | 30 |
| 7/03/16 | 7:00a | 76 | 15.9 | 20.8 | 14.78 | .0738 | 694 | 1 | 100.0 | 30 |
| 7/03/16 | 7:30a | 76 | 16.0 | 20.9 | 14.78 | .0738 | 702 | 1 | 100.0 | 30 |
| 7/03/16 | 8:00a | 75 | 15.9 | 21.1 | 14.45 | .0738 | 703 | 1 | 100.0 | 30 |
| 7/03/16 | 8:30a | 75 | 16.2 | 21.2 | 14.45 | .0737 | 696 | 1 | 100.0 | 30 |
| 7/03/16 | 9:00a | 75 | 16.6 | 21.5 | 14.45 | .0736 | 697 | 1 | 100.0 | 30 |
| 7/03/16 | 9:30a | 74 | 16.7 | 21.9 | 14.22 | .0735 | 702 | 1 | 100.0 | 30 |
| 7/03/16 | 10:00a | 74 | 17.0 | 22.3 | 14.20 | .0734 | 702 | 1 | 100.0 | 30 |
| 7/03/16 | 10:30a | 73 | 17.1 | 22.7 | 13.87 | .0733 | 695 | 1 | 100.0 | 30 |
| 7/03/16 | 11:00a | 72 | 17.2 | 23.1 | 13.65 | .0732 | 697 | 1 | 100.0 | 30 |
| 7/03/16 | 11:30a | 72 | 17.5 | 23.6 | 13.63 | .0730 | 703 | 1 | 100.0 | 30 |
| 7/03/16 | 12:00p | 71 | 17.5 | 23.8 | 13.31 | .0730 | 698 | 1 | 100.0 | 30 |
| 7/03/16 | 12:30p | 71 | 17.6 | 23.9 | 13.31 | .0729 | 695 | 1 | 100.0 | 30 |
| 7/03/16 | 1:00p | 70 | 17.4 | 23.9 | 13.00 | .0728 | 699 | 1 | 100.0 | 30 |
| 7/03/16 | 1:30p | 70 | 17.5 | 24.1 | 12.99 | .0728 | 702 | 1 | 100.0 | 30 |
| 7/03/16 | 2:00p | 70 | 17.6 | 24.2 | 12.99 | .0727 | 691 | 1 | 100.0 | 30 |
| 7/03/16 | 2:30p | 70 | 17.6 | 24.3 | 12.99 | .0726 | 701 | 1 | 100.0 | 30 |
| 7/03/16 | 3:00p | 70 | 17.6 | 24.2 | 12.99 | .0726 | 703 | 1 | 100.0 | 30 |
| 7/03/16 | 3:30p | 70 | 17.6 | 24.2 | 12.99 | .0726 | 699 | 1 | 100.0 | 30 |
| 7/03/16 | 4:00p | 70 | 17.6 | 24.2 | 12.99 | .0726 | 694 | 1 | 100.0 | 30 |
| 7/03/16 | 4:30p | 71 | 17.7 | 24.2 | 13.29 | .0726 | 702 | 1 | 100.0 | 30 |
| 7/03/16 | 5:00p | 71 | 17.6 | 24.0 | 13.30 | .0726 | 700 | 1 | 100.0 | 30 |
| 7/03/16 | 5:30p | 72 | 17.7 | 23.9 | 13.61 | .0727 | 701 | 1 | 100.0 | 30 |
| 7/03/16 | 6:00p | 72 | 17.5 | 23.6 | 13.63 | .0727 | 692 | 1 | 100.0 | 30 |
| 7/03/16 | 6:30p | 73 | 17.5 | 23.3 | 13.84 | .0728 | 703 | 1 | 100.0 | 30 |
| 7/03/16 | 7:00p | 74 | 17.6 | 23.1 | 14.15 | .0729 | 701 | 1 | 100.0 | 30 |
| 7/03/16 | 7:30p | 74 | 17.5 | 22.9 | 14.16 | .0730 | 697 | 1 | 100.0 | 30 |
| 7/03/16 | 8:00p | 74 | 17.3 | 22.7 | 14.17 | .0731 | 697 | 1 | 100.0 | 30 |
| 7/03/16 | 8:30p | 75 | 17.4 | 22.6 | 14.42 | .0731 | 702 | 1 | 100.0 | 30 |
| 7/03/16 | 9:00p | 75 | 17.3 | 22.4 | 14.42 | .0732 | 703 | 1 | 100.0 | 30 |
| 7/03/16 | 9:30p | 75 | 17.2 | 22.3 | 14.42 | .0732 | 693 | 1 | 100.0 | 30 |
| 7/03/16 | 10:00p | 75 | 17.1 | 22.2 | 14.43 | .0732 | 703 | 1 | 100.0 | 30 |
| 7/03/16 | 10:30p | 75 | 17.0 | 22.1 | 14.43 | .0733 | 702 | 1 | 100.0 | 30 |
| 7/03/16 | 11:00p | 75 | 16.9 | 21.9 | 14.44 | .0734 | 694 | 1 | 100.0 | 30 |
| 7/03/16 | 11:30p | 75 | 16.8 | 21.8 | 14.44 | .0734 | 702 | 1 | 100.0 | 30 |
| 8/03/16 | 12:00a | 75 | 16.7 | 21.7 | 14.44 | .0734 | 703 | 1 | 100.0 | 30 |