

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|-------|------|--------------|-------------|-------------|------------|
| 21/12/15 | 12:30a | 16.0 | 16.2 | 16.0 | 96 | 15.4 | 1.6 | NE | 0.80 | 14.5 | NE | 16.0 | 16.3 | 16.3 | 759.6 | 0.00 | 0.0 | 0.049 | 0.000 | 20.2 |
| 21/12/15 | 1:00a | 15.9 | 16.1 | 15.9 | 97 | 15.4 | 1.6 | NE | 0.80 | 9.7 | NE | 15.9 | 16.2 | 16.2 | 759.3 | 0.00 | 0.0 | 0.051 | 0.000 | 20.2 |
| 21/12/15 | 1:30a | 15.8 | 15.9 | 15.8 | 97 | 15.4 | 1.6 | NE | 0.80 | 9.7 | NE | 15.8 | 16.1 | 16.1 | 758.9 | 0.00 | 0.0 | 0.052 | 0.000 | 20.2 |
| 21/12/15 | 2:00a | 15.8 | 15.8 | 15.7 | 96 | 15.1 | 1.6 | NE | 0.80 | 9.7 | ENE | 15.8 | 16.1 | 16.1 | 759.0 | 0.00 | 0.0 | 0.053 | 0.000 | 20.1 |
| 21/12/15 | 2:30a | 15.7 | 15.8 | 15.7 | 96 | 15.1 | 1.6 | NE | 0.80 | 8.0 | NW | 15.7 | 16.0 | 16.0 | 759.0 | 0.00 | 0.0 | 0.054 | 0.000 | 20.1 |
| 21/12/15 | 3:00a | 15.8 | 15.8 | 15.7 | 95 | 15.0 | 1.6 | NE | 0.80 | 6.4 | WSW | 15.8 | 16.0 | 16.0 | 759.3 | 0.00 | 0.0 | 0.053 | 0.000 | 20.1 |
| 21/12/15 | 3:30a | 15.7 | 15.8 | 15.6 | 95 | 14.9 | 1.6 | NW | 0.80 | 8.0 | NNE | 15.7 | 15.9 | 15.9 | 759.3 | 0.00 | 0.0 | 0.056 | 0.000 | 20.1 |
| 21/12/15 | 4:00a | 15.6 | 15.7 | 15.6 | 95 | 14.8 | 0.0 | NNE | 0.00 | 8.0 | NNE | 15.6 | 15.8 | 15.8 | 759.4 | 0.00 | 0.0 | 0.057 | 0.000 | 20.0 |
| 21/12/15 | 4:30a | 15.6 | 15.6 | 15.6 | 95 | 14.8 | 1.6 | NE | 0.80 | 9.7 | N | 15.6 | 15.8 | 15.8 | 759.4 | 0.00 | 0.0 | 0.058 | 0.000 | 20.0 |
| 21/12/15 | 5:00a | 15.4 | 15.6 | 15.4 | 95 | 14.6 | 1.6 | NE | 0.80 | 6.4 | N | 15.4 | 15.6 | 15.6 | 759.5 | 0.00 | 0.0 | 0.061 | 0.000 | 19.9 |
| 21/12/15 | 5:30a | 15.4 | 15.4 | 15.3 | 96 | 14.8 | 1.6 | NE | 0.80 | 8.0 | ENE | 15.4 | 15.7 | 15.7 | 759.7 | 0.00 | 0.0 | 0.060 | 0.000 | 19.9 |
| 21/12/15 | 6:00a | 15.7 | 15.7 | 15.4 | 96 | 15.1 | 1.6 | NE | 0.80 | 8.0 | NNE | 15.7 | 16.0 | 16.0 | 760.0 | 0.00 | 0.0 | 0.054 | 0.000 | 19.9 |
| 21/12/15 | 6:30a | 15.9 | 15.9 | 15.7 | 96 | 15.3 | 1.6 | NE | 0.80 | 12.9 | N | 15.9 | 16.2 | 16.2 | 760.3 | 0.00 | 0.0 | 0.050 | 0.000 | 19.9 |
| 21/12/15 | 7:00a | 16.4 | 16.4 | 15.9 | 93 | 15.3 | 1.6 | NE | 0.80 | 11.3 | ENE | 16.4 | 16.7 | 16.7 | 760.5 | 0.00 | 0.0 | 0.041 | 0.000 | 19.9 |
| 21/12/15 | 7:30a | 17.8 | 17.8 | 16.4 | 91 | 16.3 | 1.6 | NE | 0.80 | 9.7 | NE | 17.8 | 18.2 | 18.2 | 760.6 | 0.00 | 0.0 | 0.012 | 0.000 | 20.2 |
| 21/12/15 | 8:00a | 18.1 | 18.2 | 17.8 | 88 | 16.1 | 1.6 | NE | 0.80 | 11.3 | NE | 18.1 | 18.6 | 18.6 | 760.9 | 0.00 | 0.0 | 0.005 | 0.000 | 20.3 |
| 21/12/15 | 8:30a | 18.6 | 18.6 | 18.1 | 86 | 16.2 | 1.6 | NE | 0.80 | 11.3 | NE | 18.6 | 19.1 | 19.1 | 760.8 | 0.00 | 0.0 | 0.000 | 0.005 | 20.4 |
| 21/12/15 | 9:00a | 20.2 | 20.3 | 18.6 | 78 | 16.3 | 3.2 | NE | 1.61 | 12.9 | NE | 20.2 | 20.9 | 20.9 | 760.5 | 0.00 | 0.0 | 0.000 | 0.039 | 20.7 |
| 21/12/15 | 9:30a | 20.0 | 20.3 | 19.9 | 78 | 16.0 | 3.2 | NE | 1.61 | 11.3 | NNE | 20.0 | 20.6 | 20.6 | 760.3 | 0.00 | 0.0 | 0.000 | 0.035 | 20.9 |
| 21/12/15 | 10:00a | 20.3 | 20.4 | 20.1 | 76 | 16.0 | 3.2 | NE | 1.61 | 12.9 | NNE | 20.3 | 20.9 | 20.9 | 760.0 | 0.00 | 0.0 | 0.000 | 0.042 | 20.9 |
| 21/12/15 | 10:30a | 21.0 | 21.0 | 20.3 | 73 | 16.0 | 3.2 | NE | 1.61 | 9.7 | NE | 21.0 | 21.3 | 21.3 | 759.5 | 0.00 | 0.0 | 0.000 | 0.056 | 21.1 |
| 21/12/15 | 11:00a | 22.6 | 22.7 | 21.1 | 70 | 16.9 | 4.8 | NE | 2.41 | 20.9 | NNE | 22.6 | 23.2 | 23.2 | 758.9 | 0.00 | 0.0 | 0.000 | 0.089 | 21.3 |
| 21/12/15 | 11:30a | 22.7 | 22.9 | 22.4 | 67 | 16.2 | 4.8 | NE | 2.41 | 20.9 | NE | 22.7 | 23.1 | 23.1 | 758.5 | 0.00 | 0.0 | 0.000 | 0.090 | 21.4 |
| 21/12/15 | 12:00p | 22.7 | 23.0 | 22.7 | 70 | 17.0 | 4.8 | NE | 2.41 | 17.7 | N | 22.7 | 23.3 | 23.3 | 758.2 | 0.00 | 0.0 | 0.000 | 0.091 | 21.5 |
| 21/12/15 | 12:30p | 22.7 | 22.7 | 22.6 | 69 | 16.7 | 4.8 | NE | 2.41 | 14.5 | NNE | 22.7 | 23.3 | 23.3 | 757.8 | 0.00 | 0.0 | 0.000 | 0.091 | 21.6 |
| 21/12/15 | 1:00p | 22.3 | 22.8 | 22.3 | 71 | 16.8 | 3.2 | NE | 1.61 | 14.5 | N | 22.3 | 22.8 | 22.8 | 757.6 | 0.00 | 0.0 | 0.000 | 0.083 | 21.7 |
| 21/12/15 | 1:30p | 22.2 | 22.4 | 22.1 | 72 | 16.9 | 3.2 | NE | 1.61 | 16.1 | NE | 22.2 | 22.6 | 22.6 | 757.3 | 0.00 | 0.0 | 0.000 | 0.080 | 21.7 |
| 21/12/15 | 2:00p | 22.2 | 22.2 | 22.1 | 72 | 16.9 | 3.2 | NE | 1.61 | 12.9 | NNE | 22.2 | 22.6 | 22.6 | 757.2 | 0.00 | 0.0 | 0.000 | 0.080 | 21.7 |
| 21/12/15 | 2:30p | 21.9 | 22.1 | 21.7 | 73 | 16.9 | 1.6 | NE | 0.80 | 14.5 | NE | 21.9 | 22.4 | 22.4 | 757.2 | 0.00 | 0.0 | 0.000 | 0.075 | 21.6 |
| 21/12/15 | 3:00p | 20.9 | 21.9 | 20.9 | 75 | 16.3 | 1.6 | NE | 0.80 | 11.3 | NNE | 20.9 | 21.3 | 21.3 | 757.3 | 0.00 | 0.0 | 0.000 | 0.053 | 21.6 |
| 21/12/15 | 3:30p | 20.4 | 20.9 | 20.4 | 77 | 16.2 | 1.6 | NE | 0.80 | 9.7 | NNE | 20.4 | 21.1 | 21.1 | 757.3 | 0.00 | 0.0 | 0.000 | 0.043 | 21.5 |
| 21/12/15 | 4:00p | 19.6 | 20.4 | 19.6 | 81 | 16.3 | 0.0 | ENE | 0.00 | 8.0 | NNE | 19.6 | 20.3 | 20.3 | 757.4 | 0.00 | 0.0 | 0.000 | 0.027 | 21.4 |
| 21/12/15 | 4:30p | 18.7 | 19.6 | 18.7 | 85 | 16.1 | 0.0 | W | 0.00 | 6.4 | NE | 18.7 | 19.2 | 19.2 | 757.6 | 0.00 | 0.0 | 0.000 | 0.007 | 21.3 |
| 21/12/15 | 5:00p | 18.2 | 18.7 | 18.2 | 88 | 16.2 | 0.0 | NE | 0.00 | 6.4 | SW | 18.2 | 18.7 | 18.7 | 757.8 | 0.00 | 0.0 | 0.002 | 0.000 | 21.2 |
| 21/12/15 | 5:30p | 17.8 | 18.2 | 17.8 | 91 | 16.3 | 0.0 | ENE | 0.00 | 6.4 | ENE | 17.8 | 18.2 | 18.2 | 758.1 | 0.00 | 0.0 | 0.012 | 0.000 | 21.1 |
| 21/12/15 | 6:00p | 17.3 | 17.8 | 17.3 | 93 | 16.1 | 0.0 | NNE | 0.00 | 4.8 | SE | 17.3 | 17.7 | 17.7 | 758.5 | 0.00 | 0.0 | 0.022 | 0.000 | 20.9 |
| 21/12/15 | 6:30p | 16.8 | 17.3 | 16.8 | 93 | 15.7 | 0.0 | ENE | 0.00 | 6.4 | N | 16.8 | 17.2 | 17.2 | 758.8 | 0.00 | 0.0 | 0.031 | 0.000 | 20.8 |
| 21/12/15 | 7:00p | 16.4 | 16.8 | 16.4 | 94 | 15.4 | 0.0 | ENE | 0.00 | 4.8 | E | 16.4 | 16.7 | 16.7 | 759.2 | 0.00 | 0.0 | 0.041 | 0.000 | 20.7 |
| 21/12/15 | 7:30p | 16.1 | 16.4 | 16.1 | 95 | 15.3 | 0.0 | NE | 0.00 | 3.2 | E | 16.1 | 16.4 | 16.4 | 759.7 | 0.00 | 0.0 | 0.046 | 0.000 | 20.7 |
| 21/12/15 | 8:00p | 15.9 | 16.1 | 15.9 | 95 | 15.1 | 0.0 | ENE | 0.00 | 3.2 | N | 15.9 | 16.2 | 16.2 | 759.9 | 0.00 | 0.0 | 0.051 | 0.000 | 20.6 |
| 21/12/15 | 8:30p | 16.1 | 16.1 | 15.9 | 96 | 15.5 | 0.0 | NE | 0.00 | 4.8 | NNE | 16.1 | 16.4 | 16.4 | 759.8 | 0.00 | 0.0 | 0.046 | 0.000 | 20.5 |
| 21/12/15 | 9:00p | 16.3 | 16.3 | 16.1 | 96 | 15.7 | 1.6 | NE | 0.80 | 6.4 | NE | 16.3 | 16.7 | 16.7 | 759.8 | 0.00 | 0.0 | 0.042 | 0.000 | 20.4 |
| 21/12/15 | 9:30p | 16.3 | 16.4 | 16.3 | 97 | 15.9 | 1.6 | NE | 0.80 | 8.0 | NE | 16.3 | 16.7 | 16.7 | 759.7 | 0.00 | 0.0 | 0.042 | 0.000 | 20.4 |
| 21/12/15 | 10:00p | 16.3 | 16.3 | 16.3 | 96 | 15.6 | 1.6 | NE | 0.80 | 6.4 | NNE | 16.3 | 16.6 | 16.6 | 759.6 | 0.00 | 0.0 | 0.043 | 0.000 | 20.4 |
| 21/12/15 | 10:30p | 15.9 | 16.3 | 15.9 | 96 | 15.3 | 1.6 | NE | 0.80 | 9.7 | NNE | 15.9 | 16.2 | 16.2 | 759.4 | 0.00 | 0.0 | 0.051 | 0.000 | 20.3 |
| 21/12/15 | 11:00p | 15.8 | 15.9 | 15.8 | 96 | 15.2 | 0.0 | NW | 0.00 | 8.0 | NE | 15.8 | 16.1 | 16.1 | 759.5 | 0.00 | 0.0 | 0.052 | 0.000 | 20.3 |
| 21/12/15 | 11:30p | 15.8 | 15.9 | 15.8 | 96 | 15.1 | 1.6 | NE | 0.80 | 8.0 | NNE | 15.8 | 16.1 | 16.1 | 759.1 | 0.00 | 0.0 | 0.053 | 0.000 | 20.2 |
| 22/12/15 | 12:00a | 15.7 | 15.8 | 15.7 | 95 | 14.9 | 0.0 | NE | 0.00 | 4.8 | N | 15.7 | 15.9 | 15.9 | 758.8 | 0.00 | 0.0 | 0.054 | 0.000 | 20.2 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 21/12/15 | 12:30a | 78 | 16.3 | 20.9 | 15.48 | .0737 | 697 | 1 | 100.0 | 30 |
| 21/12/15 | 1:00a | 79 | 16.4 | 20.9 | 15.92 | .0737 | 698 | 1 | 100.0 | 30 |
| 21/12/15 | 1:30a | 79 | 16.4 | 20.9 | 15.92 | .0737 | 703 | 1 | 100.0 | 30 |
| 21/12/15 | 2:00a | 79 | 16.4 | 20.8 | 15.93 | .0737 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 2:30a | 79 | 16.3 | 20.7 | 15.94 | .0737 | 693 | 1 | 100.0 | 30 |
| 21/12/15 | 3:00a | 78 | 16.1 | 20.7 | 15.50 | .0738 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 3:30a | 78 | 16.1 | 20.7 | 15.50 | .0738 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 4:00a | 78 | 16.0 | 20.6 | 15.51 | .0738 | 693 | 1 | 100.0 | 30 |
| 21/12/15 | 4:30a | 78 | 16.0 | 20.6 | 15.51 | .0738 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 5:00a | 78 | 16.0 | 20.6 | 15.52 | .0738 | 703 | 1 | 100.0 | 30 |
| 21/12/15 | 5:30a | 78 | 15.9 | 20.5 | 15.53 | .0739 | 698 | 1 | 100.0 | 30 |
| 21/12/15 | 6:00a | 78 | 15.9 | 20.5 | 15.53 | .0739 | 697 | 1 | 100.0 | 30 |
| 21/12/15 | 6:30a | 78 | 16.0 | 20.6 | 15.52 | .0739 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 7:00a | 78 | 16.0 | 20.6 | 15.52 | .0739 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 7:30a | 78 | 16.2 | 20.8 | 15.49 | .0739 | 692 | 1 | 100.0 | 30 |
| 21/12/15 | 8:00a | 77 | 16.2 | 20.9 | 15.06 | .0738 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 8:30a | 77 | 16.3 | 21.1 | 15.05 | .0738 | 703 | 1 | 100.0 | 30 |
| 21/12/15 | 9:00a | 76 | 16.3 | 21.3 | 14.76 | .0737 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 9:30a | 76 | 16.5 | 21.4 | 14.76 | .0736 | 695 | 1 | 100.0 | 30 |
| 21/12/15 | 10:00a | 75 | 16.3 | 21.3 | 14.45 | .0736 | 697 | 1 | 100.0 | 30 |
| 21/12/15 | 10:30a | 75 | 16.5 | 21.4 | 14.45 | .0735 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 11:00a | 75 | 16.7 | 21.7 | 14.44 | .0734 | 703 | 1 | 100.0 | 30 |
| 21/12/15 | 11:30a | 74 | 16.6 | 21.8 | 14.23 | .0733 | 695 | 1 | 100.0 | 30 |
| 21/12/15 | 12:00p | 74 | 16.7 | 21.9 | 14.22 | .0732 | 701 | 1 | 100.0 | 30 |
| 21/12/15 | 12:30p | 73 | 16.6 | 21.9 | 13.91 | .0732 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 1:00p | 73 | 16.6 | 22.0 | 13.91 | .0732 | 699 | 1 | 100.0 | 30 |
| 21/12/15 | 1:30p | 73 | 16.6 | 22.0 | 13.91 | .0731 | 694 | 1 | 100.0 | 30 |
| 21/12/15 | 2:00p | 73 | 16.6 | 22.0 | 13.91 | .0731 | 703 | 1 | 100.0 | 30 |
| 21/12/15 | 2:30p | 73 | 16.6 | 21.9 | 13.91 | .0731 | 701 | 1 | 100.0 | 30 |
| 21/12/15 | 3:00p | 74 | 16.7 | 21.9 | 14.22 | .0731 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 3:30p | 74 | 16.7 | 21.9 | 14.22 | .0732 | 690 | 1 | 100.0 | 30 |
| 21/12/15 | 4:00p | 74 | 16.6 | 21.8 | 14.23 | .0732 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 4:30p | 75 | 16.7 | 21.7 | 14.44 | .0732 | 703 | 1 | 100.0 | 30 |
| 21/12/15 | 5:00p | 75 | 16.6 | 21.5 | 14.45 | .0733 | 700 | 1 | 100.0 | 30 |
| 21/12/15 | 5:30p | 76 | 16.7 | 21.4 | 14.75 | .0734 | 695 | 1 | 100.0 | 30 |
| 21/12/15 | 6:00p | 76 | 16.5 | 21.4 | 14.76 | .0734 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 6:30p | 77 | 16.6 | 21.3 | 15.00 | .0735 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 7:00p | 77 | 16.5 | 21.3 | 15.01 | .0736 | 694 | 1 | 100.0 | 30 |
| 21/12/15 | 7:30p | 77 | 16.5 | 21.3 | 15.01 | .0736 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 8:00p | 77 | 16.4 | 21.3 | 15.02 | .0737 | 703 | 1 | 100.0 | 30 |
| 21/12/15 | 8:30p | 77 | 16.3 | 21.2 | 15.04 | .0737 | 694 | 1 | 100.0 | 30 |
| 21/12/15 | 9:00p | 78 | 16.5 | 21.2 | 15.45 | .0737 | 701 | 1 | 100.0 | 30 |
| 21/12/15 | 9:30p | 78 | 16.4 | 21.1 | 15.45 | .0737 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 10:00p | 78 | 16.4 | 21.1 | 15.45 | .0737 | 699 | 1 | 100.0 | 30 |
| 21/12/15 | 10:30p | 78 | 16.3 | 20.9 | 15.47 | .0737 | 696 | 1 | 100.0 | 30 |
| 21/12/15 | 11:00p | 78 | 16.3 | 20.9 | 15.47 | .0737 | 702 | 1 | 100.0 | 30 |
| 21/12/15 | 11:30p | 78 | 16.3 | 20.9 | 15.48 | .0737 | 703 | 1 | 100.0 | 30 |
| 22/12/15 | 12:00a | 78 | 16.2 | 20.8 | 15.49 | .0737 | 692 | 1 | 100.0 | 30 |