

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 9/03/17 | 12:30a | 14.2 | 14.3 | 14.2 | 94 | 13.3 | 0.0 | NE | 0.00 | 8.0 | N | 14.2 | 14.3 | 14.3 | 1014.1 | 0.00 | 0.0 | 0.086 | 0.000 | 21.1 |
| 9/03/17 | 1:00a | 14.2 | 14.2 | 14.2 | 95 | 13.4 | 1.6 | ENE | 0.80 | 8.0 | NE | 14.2 | 14.4 | 14.4 | 1013.8 | 0.00 | 0.0 | 0.086 | 0.000 | 20.9 |
| 9/03/17 | 1:30a | 14.1 | 14.2 | 14.1 | 95 | 13.3 | 1.6 | NE | 0.80 | 11.3 | E | 14.1 | 14.2 | 14.2 | 1013.5 | 0.00 | 0.0 | 0.089 | 0.000 | 20.9 |
| 9/03/17 | 2:00a | 13.9 | 14.1 | 13.9 | 96 | 13.3 | 1.6 | WNW | 0.80 | 6.4 | N | 13.9 | 14.0 | 14.0 | 1013.2 | 0.00 | 0.0 | 0.093 | 0.000 | 20.7 |
| 9/03/17 | 2:30a | 13.8 | 13.9 | 13.8 | 96 | 13.2 | 0.0 | NE | 0.00 | 9.7 | NE | 13.8 | 13.9 | 13.9 | 1013.3 | 0.00 | 0.0 | 0.094 | 0.000 | 20.7 |
| 9/03/17 | 3:00a | 13.7 | 13.8 | 13.7 | 96 | 13.1 | 1.6 | WNW | 0.80 | 8.0 | E | 13.7 | 13.8 | 13.8 | 1013.1 | 0.00 | 0.0 | 0.096 | 0.000 | 20.7 |
| 9/03/17 | 3:30a | 13.8 | 13.8 | 13.7 | 96 | 13.2 | 1.6 | WSW | 0.80 | 9.7 | N | 13.8 | 13.9 | 13.9 | 1013.2 | 0.00 | 0.0 | 0.095 | 0.000 | 20.6 |
| 9/03/17 | 4:00a | 13.7 | 13.8 | 13.7 | 96 | 13.0 | 1.6 | NE | 0.80 | 8.0 | NNE | 13.7 | 13.8 | 13.8 | 1013.1 | 0.00 | 0.0 | 0.097 | 0.000 | 20.5 |
| 9/03/17 | 4:30a | 13.5 | 13.7 | 13.5 | 96 | 12.9 | 1.6 | WNW | 0.80 | 9.7 | ENE | 13.5 | 13.6 | 13.6 | 1013.6 | 0.00 | 0.0 | 0.101 | 0.000 | 20.5 |
| 9/03/17 | 5:00a | 13.3 | 13.5 | 13.3 | 96 | 12.7 | 0.0 | NE | 0.00 | 9.7 | NNE | 13.3 | 13.4 | 13.4 | 1013.7 | 0.00 | 0.0 | 0.104 | 0.000 | 20.4 |
| 9/03/17 | 5:30a | 13.4 | 13.5 | 13.3 | 96 | 12.8 | 0.0 | NNE | 0.00 | 6.4 | NE | 13.4 | 13.6 | 13.6 | 1013.8 | 0.00 | 0.0 | 0.102 | 0.000 | 20.4 |
| 9/03/17 | 6:00a | 13.6 | 13.6 | 13.4 | 96 | 12.9 | 0.0 | NE | 0.00 | 4.8 | NE | 13.6 | 13.7 | 13.7 | 1014.0 | 0.00 | 0.0 | 0.100 | 0.000 | 20.4 |
| 9/03/17 | 6:30a | 13.7 | 13.7 | 13.5 | 95 | 12.9 | 0.0 | NNW | 0.00 | 6.4 | N | 13.7 | 13.8 | 13.8 | 1014.4 | 0.00 | 0.0 | 0.097 | 0.000 | 20.3 |
| 9/03/17 | 7:00a | 14.0 | 14.0 | 13.7 | 92 | 12.7 | 0.0 | NE | 0.00 | 11.3 | NE | 14.0 | 14.1 | 14.1 | 1014.5 | 0.00 | 0.0 | 0.090 | 0.000 | 20.3 |
| 9/03/17 | 7:30a | 14.8 | 14.8 | 14.0 | 87 | 12.6 | 1.6 | NE | 0.80 | 12.9 | NNE | 14.8 | 14.8 | 14.8 | 1015.0 | 0.00 | 0.0 | 0.074 | 0.000 | 20.4 |
| 9/03/17 | 8:00a | 15.5 | 15.5 | 14.8 | 81 | 12.3 | 3.2 | NE | 1.61 | 17.7 | NE | 15.5 | 15.4 | 15.4 | 1015.1 | 0.00 | 0.0 | 0.059 | 0.000 | 20.5 |
| 9/03/17 | 8:30a | 16.2 | 16.2 | 15.5 | 81 | 12.9 | 3.2 | NNE | 1.61 | 14.5 | NE | 16.2 | 16.2 | 16.2 | 1015.3 | 0.00 | 0.0 | 0.045 | 0.000 | 20.7 |
| 9/03/17 | 9:00a | 17.5 | 17.6 | 16.2 | 78 | 13.6 | 3.2 | NE | 1.61 | 11.3 | E | 17.5 | 17.6 | 17.6 | 1015.5 | 0.00 | 0.0 | 0.017 | 0.000 | 21.0 |
| 9/03/17 | 9:30a | 19.0 | 19.1 | 17.4 | 73 | 14.0 | 3.2 | NE | 1.61 | 17.7 | NE | 19.0 | 19.2 | 19.2 | 1015.4 | 0.00 | 0.0 | 0.000 | 0.014 | 21.4 |
| 9/03/17 | 10:00a | 19.3 | 19.6 | 18.9 | 70 | 13.7 | 3.2 | NE | 1.61 | 12.9 | ENE | 19.3 | 19.4 | 19.4 | 1015.3 | 0.00 | 0.0 | 0.000 | 0.020 | 21.7 |
| 9/03/17 | 10:30a | 19.4 | 19.4 | 19.1 | 70 | 13.8 | 3.2 | NE | 1.61 | 14.5 | NNE | 19.4 | 19.7 | 19.7 | 1015.1 | 0.00 | 0.0 | 0.000 | 0.023 | 21.7 |
| 9/03/17 | 11:00a | 21.3 | 21.3 | 19.5 | 63 | 14.0 | 3.2 | NE | 1.61 | 17.7 | NE | 21.3 | 21.1 | 21.1 | 1014.7 | 0.00 | 0.0 | 0.000 | 0.063 | 22.1 |
| 9/03/17 | 11:30a | 20.8 | 21.4 | 20.8 | 64 | 13.8 | 3.2 | NE | 1.61 | 12.9 | NE | 20.8 | 20.7 | 20.7 | 1014.4 | 0.00 | 0.0 | 0.000 | 0.052 | 22.3 |
| 9/03/17 | 12:00p | 20.3 | 20.8 | 20.1 | 68 | 14.2 | 3.2 | NE | 1.61 | 11.3 | NNE | 20.3 | 20.4 | 20.4 | 1014.0 | 0.00 | 0.0 | 0.000 | 0.041 | 22.2 |
| 9/03/17 | 12:30p | 20.9 | 21.1 | 20.3 | 66 | 14.3 | 3.2 | NE | 1.61 | 14.5 | NE | 20.9 | 20.8 | 20.8 | 1013.2 | 0.00 | 0.0 | 0.000 | 0.053 | 22.3 |
| 9/03/17 | 1:00p | 20.7 | 21.0 | 20.4 | 68 | 14.5 | 3.2 | NE | 1.61 | 16.1 | NNE | 20.7 | 20.7 | 20.7 | 1012.6 | 0.00 | 0.0 | 0.000 | 0.049 | 22.4 |
| 9/03/17 | 1:30p | 21.3 | 21.3 | 20.7 | 66 | 14.7 | 3.2 | NE | 1.61 | 12.9 | NE | 21.3 | 21.3 | 21.3 | 1011.9 | 0.00 | 0.0 | 0.000 | 0.063 | 22.4 |
| 9/03/17 | 2:00p | 21.4 | 21.7 | 21.1 | 65 | 14.6 | 3.2 | NE | 1.61 | 14.5 | NE | 21.4 | 21.3 | 21.3 | 1011.6 | 0.00 | 0.0 | 0.000 | 0.065 | 22.7 |
| 9/03/17 | 2:30p | 22.0 | 22.0 | 21.3 | 63 | 14.6 | 3.2 | NE | 1.61 | 17.7 | NE | 22.0 | 22.0 | 22.0 | 1011.3 | 0.00 | 0.0 | 0.000 | 0.076 | 22.7 |
| 9/03/17 | 3:00p | 22.2 | 22.2 | 21.4 | 62 | 14.5 | 1.6 | NE | 0.80 | 9.7 | NE | 22.2 | 22.2 | 22.2 | 1011.1 | 0.00 | 0.0 | 0.000 | 0.080 | 22.8 |
| 9/03/17 | 3:30p | 21.4 | 22.2 | 21.4 | 65 | 14.5 | 1.6 | NE | 0.80 | 11.3 | NNE | 21.4 | 21.3 | 21.3 | 1011.1 | 0.00 | 0.0 | 0.000 | 0.064 | 22.8 |
| 9/03/17 | 4:00p | 21.5 | 21.6 | 21.2 | 66 | 14.9 | 1.6 | NE | 0.80 | 11.3 | E | 21.5 | 21.4 | 21.4 | 1011.0 | 0.00 | 0.0 | 0.000 | 0.066 | 22.8 |
| 9/03/17 | 4:30p | 21.1 | 21.4 | 20.8 | 67 | 14.7 | 1.6 | NE | 0.80 | 8.0 | NE | 21.1 | 21.0 | 21.0 | 1011.1 | 0.00 | 0.0 | 0.000 | 0.057 | 22.8 |
| 9/03/17 | 5:00p | 20.7 | 21.4 | 20.7 | 69 | 14.8 | 1.6 | NE | 0.80 | 9.7 | ENE | 20.7 | 20.8 | 20.8 | 1011.2 | 0.00 | 0.0 | 0.000 | 0.049 | 22.9 |
| 9/03/17 | 5:30p | 20.1 | 20.7 | 20.1 | 71 | 14.6 | 0.0 | NE | 0.00 | 8.0 | NE | 20.1 | 20.4 | 20.4 | 1011.4 | 0.00 | 0.0 | 0.000 | 0.036 | 22.7 |
| 9/03/17 | 6:00p | 19.6 | 20.1 | 19.6 | 73 | 14.6 | 1.6 | NE | 0.80 | 11.3 | NE | 19.6 | 19.9 | 19.9 | 1011.6 | 0.00 | 0.0 | 0.000 | 0.027 | 22.6 |
| 9/03/17 | 6:30p | 19.1 | 19.7 | 19.1 | 75 | 14.5 | 1.6 | NE | 0.80 | 11.3 | NE | 19.1 | 19.4 | 19.4 | 1011.8 | 0.00 | 0.0 | 0.000 | 0.015 | 22.3 |
| 9/03/17 | 7:00p | 18.7 | 19.1 | 18.7 | 76 | 14.3 | 0.0 | NE | 0.00 | 8.0 | NE | 18.7 | 18.9 | 18.9 | 1012.2 | 0.00 | 0.0 | 0.000 | 0.007 | 22.2 |
| 9/03/17 | 7:30p | 17.8 | 18.7 | 17.8 | 84 | 15.1 | 1.6 | NE | 0.80 | 14.5 | NNE | 17.8 | 18.2 | 18.2 | 1012.8 | 0.00 | 0.0 | 0.010 | 0.000 | 22.0 |
| 9/03/17 | 8:00p | 17.2 | 17.8 | 17.2 | 88 | 15.2 | 1.6 | NE | 0.80 | 11.3 | NE | 17.2 | 17.5 | 17.5 | 1013.3 | 0.00 | 0.0 | 0.024 | 0.000 | 21.8 |
| 9/03/17 | 8:30p | 16.9 | 17.2 | 16.8 | 89 | 15.1 | 1.6 | NE | 0.80 | 9.7 | NNE | 16.9 | 17.2 | 17.2 | 1014.0 | 0.00 | 0.0 | 0.030 | 0.000 | 21.7 |
| 9/03/17 | 9:00p | 16.7 | 16.9 | 16.7 | 90 | 15.0 | 1.6 | NE | 0.80 | 11.3 | NNE | 16.7 | 16.9 | 16.9 | 1014.4 | 0.00 | 0.0 | 0.035 | 0.000 | 21.6 |
| 9/03/17 | 9:30p | 16.5 | 16.7 | 16.5 | 90 | 14.9 | 1.6 | NE | 0.80 | 9.7 | NNE | 16.5 | 16.8 | 16.8 | 1014.8 | 0.00 | 0.0 | 0.038 | 0.000 | 21.4 |
| 9/03/17 | 10:00p | 16.2 | 16.5 | 16.2 | 91 | 14.8 | 1.6 | NE | 0.80 | 11.3 | N | 16.2 | 16.4 | 16.4 | 1015.1 | 0.00 | 0.0 | 0.044 | 0.000 | 21.3 |
| 9/03/17 | 10:30p | 16.1 | 16.2 | 16.1 | 91 | 14.6 | 1.6 | NE | 0.80 | 8.0 | NE | 16.1 | 16.3 | 16.3 | 1014.9 | 0.00 | 0.0 | 0.047 | 0.000 | 21.2 |
| 9/03/17 | 11:00p | 15.7 | 16.1 | 15.7 | 92 | 14.4 | 1.6 | NE | 0.80 | 11.3 | NE | 15.7 | 15.9 | 15.9 | 1015.1 | 0.00 | 0.0 | 0.054 | 0.000 | 21.1 |
| 9/03/17 | 11:30p | 15.6 | 15.7 | 15.6 | 93 | 14.5 | 0.0 | NW | 0.00 | 6.4 | NNE | 15.6 | 15.8 | 15.8 | 1014.7 | 0.00 | 0.0 | 0.057 | 0.000 | 21.0 |
| 10/03/17 | 12:00a | 15.4 | 15.7 | 15.4 | 93 | 14.3 | 0.0 | NE | 0.00 | 6.4 | NNE | 15.4 | 15.6 | 15.6 | 1014.2 | 0.00 | 0.0 | 0.061 | 0.000 | 21.0 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 9/03/17 | 12:30a | 66 | 14.5 | 20.9 | 12.15 | .0738 | 700 | 1 | 100.0 | 30 |
| 9/03/17 | 1:00a | 66 | 14.4 | 20.8 | 12.15 | .0738 | 700 | 1 | 100.0 | 30 |
| 9/03/17 | 1:30a | 67 | 14.5 | 20.9 | 12.36 | .0738 | 692 | 1 | 100.0 | 30 |
| 9/03/17 | 2:00a | 67 | 14.4 | 20.7 | 12.36 | .0738 | 700 | 1 | 100.0 | 30 |
| 9/03/17 | 2:30a | 67 | 14.4 | 20.7 | 12.36 | .0738 | 692 | 1 | 100.0 | 30 |
| 9/03/17 | 3:00a | 67 | 14.3 | 20.7 | 12.37 | .0738 | 696 | 1 | 100.0 | 30 |
| 9/03/17 | 3:30a | 67 | 14.2 | 20.6 | 12.37 | .0739 | 700 | 1 | 100.0 | 30 |
| 9/03/17 | 4:00a | 67 | 14.2 | 20.6 | 12.37 | .0739 | 691 | 1 | 100.0 | 30 |
| 9/03/17 | 4:30a | 67 | 14.2 | 20.6 | 12.37 | .0739 | 699 | 1 | 100.0 | 30 |
| 9/03/17 | 5:00a | 67 | 14.1 | 20.5 | 12.38 | .0740 | 700 | 1 | 100.0 | 30 |
| 9/03/17 | 5:30a | 67 | 14.1 | 20.5 | 12.38 | .0740 | 694 | 1 | 100.0 | 30 |
| 9/03/17 | 6:00a | 67 | 14.1 | 20.5 | 12.38 | .0740 | 698 | 1 | 100.0 | 30 |
| 9/03/17 | 6:30a | 67 | 14.0 | 20.4 | 12.38 | .0740 | 693 | 1 | 100.0 | 30 |
| 9/03/17 | 7:00a | 67 | 14.0 | 20.4 | 12.38 | .0740 | 690 | 1 | 100.0 | 30 |
| 9/03/17 | 7:30a | 67 | 14.1 | 20.5 | 12.38 | .0740 | 692 | 1 | 100.0 | 30 |
| 9/03/17 | 8:00a | 66 | 13.9 | 20.5 | 12.15 | .0740 | 694 | 2 | 100.0 | 30 |
| 9/03/17 | 8:30a | 66 | 14.1 | 20.7 | 12.15 | .0740 | 689 | 1 | 100.0 | 30 |
| 9/03/17 | 9:00a | 66 | 14.4 | 20.9 | 12.15 | .0739 | 697 | 1 | 100.0 | 30 |
| 9/03/17 | 9:30a | 65 | 14.5 | 21.3 | 11.85 | .0738 | 700 | 1 | 100.0 | 30 |
| 9/03/17 | 10:00a | 65 | 14.8 | 21.6 | 11.85 | .0737 | 703 | 1 | 100.0 | 30 |
| 9/03/17 | 10:30a | 64 | 14.6 | 21.7 | 11.65 | .0737 | 688 | 1 | 100.0 | 30 |
| 9/03/17 | 11:00a | 63 | 14.7 | 22.1 | 11.52 | .0736 | 699 | 1 | 100.0 | 30 |
| 9/03/17 | 11:30a | 63 | 14.9 | 22.4 | 11.51 | .0735 | 698 | 1 | 100.0 | 30 |
| 9/03/17 | 12:00p | 63 | 14.8 | 22.3 | 11.51 | .0735 | 697 | 1 | 100.0 | 30 |
| 9/03/17 | 12:30p | 63 | 14.9 | 22.4 | 11.51 | .0734 | 692 | 1 | 100.0 | 30 |
| 9/03/17 | 1:00p | 63 | 15.0 | 22.6 | 11.50 | .0733 | 699 | 1 | 100.0 | 30 |
| 9/03/17 | 1:30p | 63 | 15.1 | 22.6 | 11.50 | .0732 | 697 | 1 | 100.0 | 30 |
| 9/03/17 | 2:00p | 63 | 15.3 | 22.9 | 11.49 | .0731 | 699 | 1 | 100.0 | 30 |
| 9/03/17 | 2:30p | 63 | 15.3 | 23.0 | 11.49 | .0731 | 690 | 1 | 100.0 | 30 |
| 9/03/17 | 3:00p | 63 | 15.4 | 23.1 | 11.49 | .0731 | 701 | 1 | 100.0 | 30 |
| 9/03/17 | 3:30p | 63 | 15.4 | 23.2 | 11.49 | .0730 | 700 | 1 | 100.0 | 30 |
| 9/03/17 | 4:00p | 63 | 15.4 | 23.1 | 11.49 | .0731 | 701 | 1 | 100.0 | 30 |
| 9/03/17 | 4:30p | 64 | 15.7 | 23.2 | 11.65 | .0730 | 691 | 1 | 100.0 | 30 |
| 9/03/17 | 5:00p | 64 | 15.7 | 23.3 | 11.65 | .0730 | 702 | 1 | 100.0 | 30 |
| 9/03/17 | 5:30p | 64 | 15.6 | 23.1 | 11.65 | .0731 | 700 | 1 | 100.0 | 30 |
| 9/03/17 | 6:00p | 64 | 15.4 | 22.8 | 11.65 | .0732 | 702 | 1 | 100.0 | 30 |
| 9/03/17 | 6:30p | 64 | 15.2 | 22.5 | 11.65 | .0732 | 690 | 1 | 100.0 | 30 |
| 9/03/17 | 7:00p | 65 | 15.3 | 22.3 | 11.85 | .0733 | 700 | 1 | 100.0 | 30 |
| 9/03/17 | 7:30p | 65 | 15.1 | 22.1 | 11.85 | .0734 | 702 | 1 | 100.0 | 30 |
| 9/03/17 | 8:00p | 66 | 15.1 | 21.8 | 12.13 | .0735 | 693 | 1 | 100.0 | 30 |
| 9/03/17 | 8:30p | 66 | 15.0 | 21.7 | 12.13 | .0736 | 699 | 1 | 100.0 | 30 |
| 9/03/17 | 9:00p | 66 | 14.9 | 21.6 | 12.13 | .0736 | 701 | 1 | 100.0 | 30 |
| 9/03/17 | 9:30p | 67 | 15.1 | 21.4 | 12.34 | .0737 | 703 | 1 | 100.0 | 30 |
| 9/03/17 | 10:00p | 67 | 15.0 | 21.3 | 12.34 | .0737 | 693 | 1 | 100.0 | 30 |
| 9/03/17 | 10:30p | 67 | 14.8 | 21.2 | 12.35 | .0738 | 702 | 1 | 100.0 | 30 |
| 9/03/17 | 11:00p | 67 | 14.7 | 21.0 | 12.35 | .0738 | 703 | 1 | 100.0 | 30 |
| 9/03/17 | 11:30p | 67 | 14.6 | 20.9 | 12.35 | .0738 | 691 | 1 | 100.0 | 30 |
| 10/03/17 | 12:00a | 67 | 14.6 | 20.9 | 12.35 | .0738 | 703 | 1 | 100.0 | 30 |