

| 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 |
|---------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|-------|------|--------------|-------------|-------------|------------|
| 4/12/15 | 12:30a | 15.2 | 15.2 | 15.0 | 97 | 14.7 | 0.0 | NE | 0.00 | 3.2 | NW | 15.2 | 15.5 | 15.5 | 760.5 | 0.00 | 0.0 | 0.065 | 0.000 | 20.1 |
| 4/12/15 | 1:00a | 15.3 | 15.3 | 15.2 | 97 | 14.9 | 0.0 | ENE | 0.00 | 8.0 | E | 15.3 | 15.6 | 15.6 | 760.5 | 0.00 | 0.0 | 0.063 | 0.000 | 20.1 |
| 4/12/15 | 1:30a | 15.1 | 15.3 | 15.1 | 97 | 14.6 | 0.0 | ENE | 0.00 | 6.4 | ENE | 15.1 | 15.3 | 15.3 | 760.2 | 0.00 | 0.0 | 0.067 | 0.000 | 20.1 |
| 4/12/15 | 2:00a | 14.9 | 15.1 | 14.9 | 97 | 14.4 | 0.0 | ENE | 0.00 | 4.8 | NE | 14.9 | 15.1 | 15.1 | 760.2 | 0.00 | 0.0 | 0.072 | 0.000 | 20.1 |
| 4/12/15 | 2:30a | 15.1 | 15.1 | 14.9 | 97 | 14.6 | 0.0 | ENE | 0.00 | 6.4 | ENE | 15.1 | 15.3 | 15.3 | 760.2 | 0.00 | 0.0 | 0.067 | 0.000 | 20.0 |
| 4/12/15 | 3:00a | 15.1 | 15.1 | 15.1 | 97 | 14.6 | 0.0 | NE | 0.00 | 4.8 | NNW | 15.1 | 15.3 | 15.3 | 760.5 | 0.00 | 0.0 | 0.067 | 0.000 | 20.0 |
| 4/12/15 | 3:30a | 15.1 | 15.2 | 15.1 | 97 | 14.6 | 0.0 | ENE | 0.00 | 8.0 | NE | 15.1 | 15.3 | 15.3 | 760.6 | 0.00 | 0.0 | 0.067 | 0.000 | 19.9 |
| 4/12/15 | 4:00a | 15.1 | 15.1 | 15.1 | 97 | 14.6 | 0.0 | ENE | 0.00 | 8.0 | ESE | 15.1 | 15.3 | 15.3 | 760.9 | 0.00 | 0.0 | 0.068 | 0.000 | 19.9 |
| 4/12/15 | 4:30a | 15.1 | 15.2 | 15.1 | 97 | 14.6 | 0.0 | NE | 0.00 | 6.4 | NNE | 15.1 | 15.3 | 15.3 | 761.1 | 0.00 | 0.0 | 0.067 | 0.000 | 19.9 |
| 4/12/15 | 5:00a | 15.0 | 15.1 | 14.9 | 97 | 14.5 | 0.0 | NE | 0.00 | 6.4 | NE | 15.0 | 15.2 | 15.2 | 761.3 | 0.00 | 0.0 | 0.069 | 0.000 | 19.9 |
| 4/12/15 | 5:30a | 15.1 | 15.1 | 14.9 | 97 | 14.6 | 0.0 | NE | 0.00 | 4.8 | NE | 15.1 | 15.3 | 15.3 | 761.8 | 0.00 | 0.0 | 0.067 | 0.000 | 19.9 |
| 4/12/15 | 6:00a | 15.5 | 15.5 | 15.1 | 97 | 15.0 | 1.6 | NE | 0.80 | 9.7 | N | 15.5 | 15.8 | 15.8 | 762.1 | 0.00 | 0.0 | 0.059 | 0.000 | 19.8 |
| 4/12/15 | 6:30a | 15.9 | 15.9 | 15.5 | 97 | 15.4 | 1.6 | NE | 0.80 | 12.9 | E | 15.9 | 16.2 | 16.2 | 762.4 | 0.00 | 0.0 | 0.051 | 0.000 | 19.8 |
| 4/12/15 | 7:00a | 16.3 | 16.3 | 15.9 | 96 | 15.7 | 1.6 | NE | 0.80 | 8.0 | N | 16.3 | 16.7 | 16.7 | 762.8 | 0.00 | 0.0 | 0.042 | 0.000 | 19.8 |
| 4/12/15 | 7:30a | 17.9 | 17.9 | 16.4 | 93 | 16.7 | 1.6 | ENE | 0.80 | 6.4 | ENE | 17.9 | 18.4 | 18.4 | 762.9 | 0.00 | 0.0 | 0.009 | 0.000 | 20.0 |
| 4/12/15 | 8:00a | 18.7 | 18.7 | 17.9 | 88 | 16.6 | 1.6 | NE | 0.80 | 9.7 | NNE | 18.7 | 19.3 | 19.3 | 762.9 | 0.00 | 0.0 | 0.000 | 0.007 | 20.2 |
| 4/12/15 | 8:30a | 19.2 | 19.2 | 18.4 | 87 | 17.0 | 1.6 | NE | 0.80 | 11.3 | NE | 19.2 | 19.9 | 19.9 | 762.6 | 0.00 | 0.0 | 0.000 | 0.019 | 20.4 |
| 4/12/15 | 9:00a | 19.9 | 20.5 | 19.3 | 80 | 16.3 | 3.2 | NE | 1.61 | 12.9 | NNE | 19.9 | 20.6 | 20.6 | 762.5 | 0.00 | 0.0 | 0.000 | 0.032 | 20.7 |
| 4/12/15 | 9:30a | 19.5 | 19.9 | 19.3 | 84 | 16.7 | 1.6 | NE | 0.80 | 9.7 | E | 19.5 | 20.2 | 20.2 | 762.4 | 0.00 | 0.0 | 0.000 | 0.024 | 20.7 |
| 4/12/15 | 10:00a | 19.8 | 20.0 | 19.5 | 83 | 16.8 | 1.6 | NE | 0.80 | 12.9 | ENE | 19.8 | 20.5 | 20.5 | 762.2 | 0.00 | 0.0 | 0.000 | 0.030 | 20.8 |
| 4/12/15 | 10:30a | 19.9 | 20.8 | 19.8 | 82 | 16.7 | 3.2 | NE | 1.61 | 12.9 | N | 19.9 | 20.6 | 20.6 | 761.9 | 0.00 | 0.0 | 0.000 | 0.032 | 21.1 |
| 4/12/15 | 11:00a | 20.9 | 20.9 | 19.9 | 79 | 17.1 | 1.6 | NE | 0.80 | 16.1 | ESE | 20.9 | 21.6 | 21.6 | 761.5 | 0.00 | 0.0 | 0.000 | 0.053 | 21.2 |
| 4/12/15 | 11:30a | 21.2 | 21.4 | 20.9 | 76 | 16.8 | 3.2 | NE | 1.61 | 14.5 | NNE | 21.2 | 21.6 | 21.6 | 761.3 | 0.00 | 0.0 | 0.000 | 0.060 | 21.3 |
| 4/12/15 | 12:00p | 22.4 | 22.4 | 21.1 | 70 | 16.6 | 4.8 | NE | 2.41 | 17.7 | NNE | 22.4 | 22.8 | 22.8 | 760.9 | 0.00 | 0.0 | 0.000 | 0.084 | 21.4 |
| 4/12/15 | 12:30p | 21.9 | 22.4 | 21.7 | 72 | 16.7 | 3.2 | NE | 1.61 | 20.9 | NE | 21.9 | 22.3 | 22.3 | 760.7 | 0.00 | 0.0 | 0.000 | 0.075 | 21.6 |
| 4/12/15 | 1:00p | 21.5 | 21.9 | 21.3 | 74 | 16.7 | 3.2 | NE | 1.61 | 16.1 | E | 21.5 | 21.9 | 21.9 | 760.6 | 0.00 | 0.0 | 0.000 | 0.066 | 21.6 |
| 4/12/15 | 1:30p | 21.5 | 21.6 | 21.1 | 74 | 16.7 | 3.2 | NE | 1.61 | 16.1 | NNE | 21.5 | 21.9 | 21.9 | 760.5 | 0.00 | 0.0 | 0.000 | 0.066 | 21.6 |
| 4/12/15 | 2:00p | 21.6 | 21.7 | 21.2 | 76 | 17.1 | 3.2 | NE | 1.61 | 11.3 | NE | 21.6 | 22.1 | 22.1 | 760.5 | 0.00 | 0.0 | 0.000 | 0.067 | 21.6 |
| 4/12/15 | 2:30p | 20.4 | 21.6 | 20.4 | 78 | 16.4 | 3.2 | NE | 1.61 | 12.9 | NNE | 20.4 | 21.1 | 21.1 | 760.5 | 0.00 | 0.0 | 0.000 | 0.043 | 21.6 |
| 4/12/15 | 3:00p | 20.2 | 20.4 | 19.8 | 82 | 17.0 | 1.6 | NE | 0.80 | 14.5 | SE | 20.2 | 21.0 | 21.0 | 760.6 | 0.00 | 0.0 | 0.000 | 0.038 | 21.5 |
| 4/12/15 | 3:30p | 19.3 | 20.2 | 19.3 | 85 | 16.7 | 1.6 | NW | 0.80 | 11.3 | NE | 19.3 | 19.9 | 19.9 | 760.8 | 0.00 | 0.0 | 0.000 | 0.020 | 21.4 |
| 4/12/15 | 4:00p | 18.5 | 19.3 | 18.5 | 88 | 16.5 | 3.2 | NE | 1.61 | 14.5 | NNE | 18.5 | 19.1 | 19.1 | 760.9 | 0.00 | 0.0 | 0.000 | 0.003 | 21.3 |
| 4/12/15 | 4:30p | 17.8 | 18.5 | 17.8 | 89 | 15.9 | 1.6 | NE | 0.80 | 8.0 | ESE | 17.8 | 18.2 | 18.2 | 761.2 | 0.00 | 0.0 | 0.012 | 0.000 | 21.1 |
| 4/12/15 | 5:00p | 17.3 | 17.8 | 17.3 | 92 | 16.0 | 1.6 | NE | 0.80 | 9.7 | NNW | 17.3 | 17.8 | 17.8 | 761.6 | 0.00 | 0.0 | 0.021 | 0.000 | 20.9 |
| 4/12/15 | 5:30p | 17.1 | 17.3 | 17.1 | 93 | 15.9 | 1.6 | NE | 0.80 | 8.0 | NNE | 17.1 | 17.4 | 17.4 | 761.9 | 0.00 | 0.0 | 0.027 | 0.000 | 20.7 |
| 4/12/15 | 6:00p | 16.8 | 17.1 | 16.8 | 93 | 15.7 | 1.6 | NE | 0.80 | 8.0 | E | 16.8 | 17.2 | 17.2 | 762.2 | 0.00 | 0.0 | 0.031 | 0.000 | 20.7 |
| 4/12/15 | 6:30p | 16.3 | 16.8 | 16.3 | 95 | 15.5 | 1.6 | ENE | 0.80 | 9.7 | ENE | 16.3 | 16.7 | 16.7 | 762.7 | 0.00 | 0.0 | 0.042 | 0.000 | 20.6 |
| 4/12/15 | 7:00p | 15.9 | 16.4 | 15.9 | 96 | 15.3 | 1.6 | NE | 0.80 | 8.0 | ENE | 15.9 | 16.2 | 16.2 | 762.9 | 0.00 | 0.0 | 0.050 | 0.000 | 20.4 |
| 4/12/15 | 7:30p | 15.6 | 15.9 | 15.6 | 95 | 14.8 | 0.0 | WNW | 0.00 | 6.4 | E | 15.6 | 15.8 | 15.8 | 763.1 | 0.00 | 0.0 | 0.058 | 0.000 | 20.3 |
| 4/12/15 | 8:00p | 15.2 | 15.6 | 15.2 | 93 | 14.0 | 0.0 | WNW | 0.00 | 6.4 | E | 15.2 | 15.3 | 15.3 | 763.3 | 0.00 | 0.0 | 0.066 | 0.000 | 20.2 |
| 4/12/15 | 8:30p | 15.6 | 15.6 | 15.1 | 90 | 14.0 | 1.6 | NE | 0.80 | 9.7 | WSW | 15.6 | 15.8 | 15.8 | 763.5 | 0.00 | 0.0 | 0.057 | 0.000 | 20.2 |
| 4/12/15 | 9:00p | 15.7 | 15.7 | 15.6 | 91 | 14.2 | 1.6 | NE | 0.80 | 11.3 | ENE | 15.7 | 15.8 | 15.8 | 763.4 | 0.00 | 0.0 | 0.056 | 0.000 | 20.1 |
| 4/12/15 | 9:30p | 15.6 | 15.8 | 15.6 | 91 | 14.1 | 1.6 | NE | 0.80 | 9.7 | ENE | 15.6 | 15.8 | 15.8 | 763.1 | 0.00 | 0.0 | 0.057 | 0.000 | 20.1 |
| 4/12/15 | 10:00p | 15.3 | 15.6 | 15.3 | 92 | 14.0 | 1.6 | ENE | 0.80 | 12.9 | NE | 15.3 | 15.5 | 15.5 | 763.0 | 0.00 | 0.0 | 0.063 | 0.000 | 20.0 |
| 4/12/15 | 10:30p | 15.3 | 15.3 | 15.2 | 92 | 14.0 | 1.6 | ENE | 0.80 | 12.9 | NNE | 15.3 | 15.5 | 15.5 | 762.8 | 0.00 | 0.0 | 0.063 | 0.000 | 19.9 |
| 4/12/15 | 11:00p | 15.6 | 15.6 | 15.3 | 91 | 14.1 | 1.6 | ENE | 0.80 | 9.7 | SSE | 15.6 | 15.7 | 15.7 | 762.7 | 0.00 | 0.0 | 0.058 | 0.000 | 19.9 |
| 4/12/15 | 11:30p | 15.5 | 15.6 | 15.4 | 91 | 14.0 | 1.6 | NE | 0.80 | 9.7 | NE | 15.5 | 15.7 | 15.7 | 762.5 | 0.00 | 0.0 | 0.059 | 0.000 | 19.8 |
| 5/12/15 | 12:00a | 15.3 | 15.6 | 15.3 | 91 | 13.8 | 1.6 | ENE | 0.80 | 12.9 | NE | 15.3 | 15.4 | 15.4 | 762.2 | 0.00 | 0.0 | 0.064 | 0.000 | 19.8 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|---------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 4/12/15 | 12:30a | 78 | 16.2 | 20.8 | 15.49 | .0739 | 699 | 1 | 100.0 | 30 |
| 4/12/15 | 1:00a | 78 | 16.2 | 20.8 | 15.49 | .0739 | 701 | 1 | 100.0 | 30 |
| 4/12/15 | 1:30a | 78 | 16.1 | 20.7 | 15.50 | .0739 | 691 | 1 | 100.0 | 30 |
| 4/12/15 | 2:00a | 78 | 16.1 | 20.7 | 15.50 | .0739 | 697 | 1 | 100.0 | 30 |
| 4/12/15 | 2:30a | 78 | 16.0 | 20.6 | 15.51 | .0739 | 702 | 1 | 100.0 | 30 |
| 4/12/15 | 3:00a | 78 | 16.0 | 20.6 | 15.51 | .0739 | 689 | 1 | 100.0 | 30 |
| 4/12/15 | 3:30a | 78 | 16.0 | 20.6 | 15.52 | .0739 | 699 | 1 | 100.0 | 30 |
| 4/12/15 | 4:00a | 78 | 16.0 | 20.6 | 15.52 | .0740 | 700 | 1 | 100.0 | 30 |
| 4/12/15 | 4:30a | 78 | 15.9 | 20.5 | 15.53 | .0740 | 696 | 1 | 100.0 | 30 |
| 4/12/15 | 5:00a | 78 | 15.9 | 20.5 | 15.53 | .0740 | 698 | 1 | 100.0 | 30 |
| 4/12/15 | 5:30a | 78 | 15.9 | 20.5 | 15.53 | .0741 | 701 | 1 | 100.0 | 30 |
| 4/12/15 | 6:00a | 78 | 15.9 | 20.4 | 15.53 | .0741 | 696 | 1 | 100.0 | 30 |
| 4/12/15 | 6:30a | 78 | 15.8 | 20.4 | 15.54 | .0742 | 693 | 1 | 100.0 | 30 |
| 4/12/15 | 7:00a | 78 | 15.9 | 20.4 | 15.53 | .0742 | 699 | 1 | 100.0 | 30 |
| 4/12/15 | 7:30a | 79 | 16.2 | 20.7 | 15.95 | .0741 | 701 | 1 | 100.0 | 30 |
| 4/12/15 | 8:00a | 79 | 16.5 | 20.9 | 15.91 | .0741 | 692 | 1 | 100.0 | 30 |
| 4/12/15 | 8:30a | 79 | 16.7 | 21.2 | 15.87 | .0740 | 694 | 1 | 100.0 | 30 |
| 4/12/15 | 9:00a | 78 | 16.7 | 21.4 | 15.41 | .0739 | 701 | 1 | 100.0 | 30 |
| 4/12/15 | 9:30a | 78 | 16.7 | 21.4 | 15.41 | .0738 | 701 | 1 | 100.0 | 30 |
| 4/12/15 | 10:00a | 78 | 16.9 | 21.4 | 15.39 | .0738 | 698 | 1 | 100.0 | 30 |
| 4/12/15 | 10:30a | 78 | 17.1 | 21.6 | 15.36 | .0737 | 692 | 1 | 100.0 | 30 |
| 4/12/15 | 11:00a | 77 | 17.0 | 21.7 | 14.95 | .0736 | 701 | 1 | 100.0 | 30 |
| 4/12/15 | 11:30a | 77 | 17.1 | 21.8 | 14.95 | .0736 | 702 | 1 | 100.0 | 30 |
| 4/12/15 | 12:00p | 77 | 17.2 | 21.9 | 14.95 | .0735 | 696 | 1 | 100.0 | 30 |
| 4/12/15 | 12:30p | 76 | 17.1 | 22.1 | 14.73 | .0734 | 688 | 1 | 100.0 | 30 |
| 4/12/15 | 1:00p | 76 | 17.1 | 22.1 | 14.73 | .0734 | 700 | 1 | 100.0 | 30 |
| 4/12/15 | 1:30p | 76 | 17.1 | 22.1 | 14.73 | .0734 | 701 | 1 | 100.0 | 30 |
| 4/12/15 | 2:00p | 76 | 17.2 | 22.1 | 14.73 | .0734 | 701 | 1 | 100.0 | 30 |
| 4/12/15 | 2:30p | 76 | 17.1 | 22.1 | 14.73 | .0734 | 690 | 1 | 100.0 | 30 |
| 4/12/15 | 3:00p | 77 | 17.3 | 22.0 | 14.95 | .0734 | 700 | 1 | 100.0 | 30 |
| 4/12/15 | 3:30p | 77 | 17.2 | 21.9 | 14.95 | .0735 | 702 | 1 | 100.0 | 30 |
| 4/12/15 | 4:00p | 77 | 17.1 | 21.8 | 14.95 | .0735 | 700 | 1 | 100.0 | 30 |
| 4/12/15 | 4:30p | 77 | 16.9 | 21.6 | 14.95 | .0736 | 691 | 1 | 100.0 | 30 |
| 4/12/15 | 5:00p | 78 | 16.9 | 21.5 | 15.38 | .0737 | 697 | 1 | 100.0 | 30 |
| 4/12/15 | 5:30p | 78 | 16.7 | 21.4 | 15.41 | .0738 | 700 | 1 | 100.0 | 30 |
| 4/12/15 | 6:00p | 78 | 16.7 | 21.3 | 15.41 | .0739 | 700 | 1 | 100.0 | 30 |
| 4/12/15 | 6:30p | 78 | 16.6 | 21.3 | 15.43 | .0739 | 690 | 1 | 100.0 | 30 |
| 4/12/15 | 7:00p | 78 | 16.5 | 21.2 | 15.45 | .0740 | 701 | 1 | 100.0 | 30 |
| 4/12/15 | 7:30p | 79 | 16.6 | 21.1 | 15.89 | .0740 | 702 | 1 | 100.0 | 30 |
| 4/12/15 | 8:00p | 79 | 16.5 | 20.9 | 15.91 | .0741 | 692 | 1 | 100.0 | 30 |
| 4/12/15 | 8:30p | 78 | 16.2 | 20.8 | 15.49 | .0741 | 700 | 1 | 100.0 | 30 |
| 4/12/15 | 9:00p | 78 | 16.2 | 20.8 | 15.49 | .0742 | 699 | 1 | 100.0 | 30 |
| 4/12/15 | 9:30p | 78 | 16.1 | 20.7 | 15.50 | .0742 | 691 | 1 | 100.0 | 30 |
| 4/12/15 | 10:00p | 78 | 16.0 | 20.6 | 15.51 | .0742 | 698 | 1 | 100.0 | 30 |
| 4/12/15 | 10:30p | 78 | 16.0 | 20.6 | 15.52 | .0742 | 700 | 1 | 100.0 | 30 |
| 4/12/15 | 11:00p | 78 | 15.9 | 20.5 | 15.53 | .0742 | 699 | 1 | 100.0 | 30 |
| 4/12/15 | 11:30p | 78 | 15.9 | 20.4 | 15.53 | .0742 | 694 | 1 | 100.0 | 30 |
| 5/12/15 | 12:00a | 78 | 15.9 | 20.4 | 15.53 | .0741 | 702 | 1 | 100.0 | 30 |