

| 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 |
|---------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|-------|------|--------------|-------------|-------------|------------|
| 5/12/16 | 12:30a | 16.3 | 16.4 | 16.3 | 94 | 15.4 | 0.0 | ESE | 0.00 | 6.4 | ESE | 16.3 | 16.7 | 16.7 | 757.2 | 0.00 | 0.0 | 0.042 | 0.000 | 21.7 |
| 5/12/16 | 1:00a | 15.8 | 16.3 | 15.8 | 95 | 15.0 | 0.0 | SE | 0.00 | 1.6 | SE | 15.8 | 16.0 | 16.0 | 757.0 | 0.00 | 0.0 | 0.053 | 0.000 | 21.7 |
| 5/12/16 | 1:30a | 15.9 | 16.0 | 15.7 | 95 | 15.1 | 0.0 | ESE | 0.00 | 1.6 | SE | 15.9 | 16.2 | 16.2 | 757.0 | 0.00 | 0.0 | 0.051 | 0.000 | 21.6 |
| 5/12/16 | 2:00a | 15.6 | 15.9 | 15.6 | 94 | 14.6 | 0.0 | SE | 0.00 | 1.6 | ESE | 15.6 | 15.8 | 15.8 | 756.8 | 0.00 | 0.0 | 0.058 | 0.000 | 21.6 |
| 5/12/16 | 2:30a | 15.1 | 15.6 | 15.1 | 95 | 14.3 | 0.0 | SE | 0.00 | 1.6 | SE | 15.1 | 15.3 | 15.3 | 756.9 | 0.00 | 0.0 | 0.067 | 0.000 | 21.4 |
| 5/12/16 | 3:00a | 14.5 | 15.1 | 14.4 | 96 | 13.9 | 0.0 | --- | 0.00 | 0.0 | --- | 14.5 | 14.7 | 14.7 | 757.1 | 0.00 | 0.0 | 0.080 | 0.000 | 21.4 |
| 5/12/16 | 3:30a | 14.3 | 14.9 | 14.3 | 96 | 13.6 | 0.0 | --- | 0.00 | 0.0 | --- | 14.3 | 14.4 | 14.4 | 757.3 | 0.00 | 0.0 | 0.084 | 0.000 | 21.3 |
| 5/12/16 | 4:00a | 13.7 | 14.3 | 13.7 | 96 | 13.0 | 0.0 | --- | 0.00 | 0.0 | --- | 13.7 | 13.8 | 13.8 | 757.5 | 0.00 | 0.0 | 0.097 | 0.000 | 21.2 |
| 5/12/16 | 4:30a | 13.3 | 13.7 | 13.3 | 97 | 12.8 | 0.0 | --- | 0.00 | 0.0 | --- | 13.3 | 13.4 | 13.4 | 757.6 | 0.00 | 0.0 | 0.105 | 0.000 | 21.2 |
| 5/12/16 | 5:00a | 12.9 | 13.3 | 12.9 | 97 | 12.5 | 0.0 | --- | 0.00 | 0.0 | --- | 12.9 | 13.1 | 13.1 | 757.8 | 0.00 | 0.0 | 0.112 | 0.000 | 21.1 |
| 5/12/16 | 5:30a | 13.2 | 13.2 | 12.8 | 97 | 12.7 | 0.0 | --- | 0.00 | 0.0 | --- | 13.2 | 13.3 | 13.3 | 758.0 | 0.00 | 0.0 | 0.108 | 0.000 | 21.0 |
| 5/12/16 | 6:00a | 13.9 | 13.9 | 13.2 | 97 | 13.4 | 0.0 | ESE | 0.00 | 1.6 | ESE | 13.9 | 14.1 | 14.1 | 758.2 | 0.00 | 0.0 | 0.093 | 0.000 | 21.0 |
| 5/12/16 | 6:30a | 15.0 | 15.0 | 13.9 | 96 | 14.4 | 0.0 | ESE | 0.00 | 1.6 | ESE | 15.0 | 15.2 | 15.2 | 758.5 | 0.00 | 0.0 | 0.069 | 0.000 | 21.1 |
| 5/12/16 | 7:00a | 16.2 | 16.2 | 15.0 | 94 | 15.2 | 0.0 | SSE | 0.00 | 3.2 | SE | 16.2 | 16.4 | 16.4 | 758.6 | 0.00 | 0.0 | 0.045 | 0.000 | 21.2 |
| 5/12/16 | 7:30a | 16.7 | 16.7 | 16.2 | 91 | 15.2 | 0.0 | SE | 0.00 | 3.2 | SSE | 16.7 | 16.9 | 16.9 | 758.9 | 0.00 | 0.0 | 0.035 | 0.000 | 21.4 |
| 5/12/16 | 8:00a | 16.9 | 17.1 | 16.7 | 90 | 15.3 | 1.6 | ESE | 0.80 | 6.4 | SW | 16.9 | 17.3 | 17.3 | 758.8 | 0.00 | 0.0 | 0.029 | 0.000 | 21.7 |
| 5/12/16 | 8:30a | 17.8 | 17.8 | 16.9 | 87 | 15.6 | 1.6 | SE | 0.80 | 9.7 | SSE | 17.8 | 18.2 | 18.2 | 758.8 | 0.00 | 0.0 | 0.010 | 0.000 | 21.8 |
| 5/12/16 | 9:00a | 18.7 | 18.7 | 17.8 | 80 | 15.2 | 3.2 | SE | 1.61 | 14.5 | SE | 18.7 | 19.2 | 19.2 | 758.7 | 0.00 | 0.0 | 0.000 | 0.008 | 22.0 |
| 5/12/16 | 9:30a | 19.9 | 19.9 | 18.7 | 75 | 15.3 | 1.6 | SE | 0.80 | 14.5 | SSE | 19.9 | 20.4 | 20.4 | 758.4 | 0.00 | 0.0 | 0.000 | 0.032 | 22.1 |
| 5/12/16 | 10:00a | 20.4 | 20.5 | 19.9 | 72 | 15.2 | 1.6 | SE | 0.80 | 11.3 | E | 20.4 | 20.8 | 20.8 | 758.2 | 0.00 | 0.0 | 0.000 | 0.044 | 22.3 |
| 5/12/16 | 10:30a | 20.6 | 20.6 | 20.4 | 74 | 15.8 | 1.6 | ESE | 0.80 | 9.7 | E | 20.6 | 21.1 | 21.1 | 757.7 | 0.00 | 0.0 | 0.000 | 0.047 | 22.5 |
| 5/12/16 | 11:00a | 21.4 | 21.4 | 20.6 | 74 | 16.6 | 0.0 | WNW | 0.00 | 4.8 | NNE | 21.4 | 21.8 | 21.8 | 757.3 | 0.00 | 0.0 | 0.000 | 0.065 | 22.6 |
| 5/12/16 | 11:30a | 21.4 | 21.6 | 21.3 | 74 | 16.6 | 1.6 | E | 0.80 | 8.0 | ESE | 21.4 | 21.8 | 21.8 | 756.8 | 0.00 | 0.0 | 0.000 | 0.065 | 22.7 |
| 5/12/16 | 12:00p | 21.4 | 21.4 | 21.3 | 76 | 17.0 | 1.6 | E | 0.80 | 9.7 | ENE | 21.4 | 21.9 | 21.9 | 756.5 | 0.00 | 0.0 | 0.000 | 0.065 | 22.8 |
| 5/12/16 | 12:30p | 21.5 | 21.7 | 21.4 | 70 | 15.8 | 3.2 | ESE | 1.61 | 14.5 | ESE | 21.5 | 21.7 | 21.7 | 756.4 | 0.00 | 0.0 | 0.000 | 0.066 | 23.0 |
| 5/12/16 | 1:00p | 21.6 | 21.6 | 21.4 | 71 | 16.1 | 3.2 | SE | 1.61 | 17.7 | WNW | 21.6 | 21.8 | 21.8 | 756.2 | 0.00 | 0.0 | 0.000 | 0.067 | 23.1 |
| 5/12/16 | 1:30p | 22.3 | 22.4 | 21.5 | 71 | 16.8 | 3.2 | E | 1.61 | 16.1 | SE | 22.3 | 22.7 | 22.7 | 756.2 | 0.00 | 0.0 | 0.000 | 0.082 | 23.1 |
| 5/12/16 | 2:00p | 21.8 | 22.4 | 21.8 | 70 | 16.1 | 4.8 | E | 2.41 | 12.9 | S | 21.8 | 22.1 | 22.1 | 756.1 | 0.00 | 0.0 | 0.000 | 0.073 | 23.2 |
| 5/12/16 | 2:30p | 21.2 | 21.8 | 21.2 | 73 | 16.1 | 3.2 | SE | 1.61 | 12.9 | SE | 21.2 | 21.4 | 21.4 | 756.1 | 0.00 | 0.0 | 0.000 | 0.059 | 23.2 |
| 5/12/16 | 3:00p | 20.8 | 21.2 | 20.8 | 74 | 16.0 | 1.6 | SSE | 0.80 | 8.0 | SSW | 20.8 | 21.2 | 21.2 | 756.2 | 0.00 | 0.0 | 0.000 | 0.052 | 23.1 |
| 5/12/16 | 3:30p | 20.5 | 20.8 | 20.5 | 76 | 16.1 | 1.6 | SE | 0.80 | 8.0 | S | 20.5 | 21.1 | 21.1 | 756.5 | 0.00 | 0.0 | 0.000 | 0.045 | 23.1 |
| 5/12/16 | 4:00p | 19.9 | 20.5 | 19.9 | 79 | 16.2 | 0.0 | E | 0.00 | 9.7 | SE | 19.9 | 20.6 | 20.6 | 756.8 | 0.00 | 0.0 | 0.000 | 0.034 | 23.0 |
| 5/12/16 | 4:30p | 19.1 | 19.9 | 19.1 | 82 | 15.9 | 1.6 | SE | 0.80 | 9.7 | E | 19.1 | 19.6 | 19.6 | 757.2 | 0.00 | 0.0 | 0.000 | 0.015 | 22.9 |
| 5/12/16 | 5:00p | 18.7 | 19.0 | 18.7 | 85 | 16.1 | 1.6 | ESE | 0.80 | 8.0 | SSW | 18.7 | 19.2 | 19.2 | 757.4 | 0.00 | 0.0 | 0.000 | 0.008 | 22.7 |
| 5/12/16 | 5:30p | 18.4 | 18.7 | 18.4 | 86 | 16.0 | 0.0 | NNE | 0.00 | 4.8 | NE | 18.4 | 18.9 | 18.9 | 757.6 | 0.00 | 0.0 | 0.000 | 0.001 | 22.6 |
| 5/12/16 | 6:00p | 17.7 | 18.4 | 17.7 | 90 | 16.1 | 1.6 | NE | 0.80 | 6.4 | ESE | 17.7 | 18.2 | 18.2 | 758.0 | 0.00 | 0.0 | 0.013 | 0.000 | 22.4 |
| 5/12/16 | 6:30p | 17.4 | 17.7 | 17.4 | 90 | 15.8 | 0.0 | ESE | 0.00 | 6.4 | NNE | 17.4 | 17.8 | 17.8 | 758.3 | 0.00 | 0.0 | 0.019 | 0.000 | 22.4 |
| 5/12/16 | 7:00p | 17.5 | 17.7 | 17.4 | 89 | 15.7 | 1.6 | ESE | 0.80 | 8.0 | SE | 17.5 | 17.9 | 17.9 | 758.6 | 0.00 | 0.0 | 0.017 | 0.000 | 22.3 |
| 5/12/16 | 7:30p | 17.0 | 17.5 | 17.0 | 91 | 15.5 | 0.0 | ENE | 0.00 | 3.2 | WNW | 17.0 | 17.3 | 17.3 | 759.0 | 0.00 | 0.0 | 0.028 | 0.000 | 22.2 |
| 5/12/16 | 8:00p | 16.7 | 17.0 | 16.7 | 92 | 15.4 | 0.0 | SSE | 0.00 | 4.8 | SSW | 16.7 | 17.0 | 17.0 | 759.0 | 0.00 | 0.0 | 0.035 | 0.000 | 22.1 |
| 5/12/16 | 8:30p | 16.9 | 16.9 | 16.7 | 91 | 15.4 | 1.6 | ESE | 0.80 | 4.8 | SSE | 16.9 | 17.2 | 17.2 | 759.1 | 0.00 | 0.0 | 0.030 | 0.000 | 22.1 |
| 5/12/16 | 9:00p | 17.0 | 17.1 | 16.9 | 88 | 15.0 | 1.6 | SE | 0.80 | 8.0 | SSW | 17.0 | 17.3 | 17.3 | 759.1 | 0.00 | 0.0 | 0.028 | 0.000 | 22.0 |
| 5/12/16 | 9:30p | 17.1 | 17.1 | 16.9 | 90 | 15.4 | 0.0 | ESE | 0.00 | 1.6 | ESE | 17.1 | 17.4 | 17.4 | 759.2 | 0.00 | 0.0 | 0.027 | 0.000 | 21.9 |
| 5/12/16 | 10:00p | 16.4 | 17.1 | 16.4 | 92 | 15.1 | 0.0 | ESE | 0.00 | 4.8 | S | 16.4 | 16.7 | 16.7 | 759.1 | 0.00 | 0.0 | 0.041 | 0.000 | 21.9 |
| 5/12/16 | 10:30p | 15.9 | 16.4 | 15.9 | 93 | 14.8 | 0.0 | --- | 0.00 | 0.0 | --- | 15.9 | 16.1 | 16.1 | 759.0 | 0.00 | 0.0 | 0.051 | 0.000 | 21.8 |
| 5/12/16 | 11:00p | 15.8 | 15.9 | 15.8 | 94 | 14.8 | 0.0 | --- | 0.00 | 0.0 | --- | 15.8 | 16.0 | 16.0 | 758.9 | 0.00 | 0.0 | 0.053 | 0.000 | 21.8 |
| 5/12/16 | 11:30p | 15.4 | 15.8 | 15.4 | 94 | 14.4 | 0.0 | --- | 0.00 | 0.0 | --- | 15.4 | 15.6 | 15.6 | 758.9 | 0.00 | 0.0 | 0.061 | 0.000 | 21.7 |
| 6/12/16 | 12:00a | 15.7 | 15.7 | 15.3 | 94 | 14.8 | 0.0 | ESE | 0.00 | 1.6 | ESE | 15.7 | 15.9 | 15.9 | 758.8 | 0.00 | 0.0 | 0.054 | 0.000 | 21.7 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|---------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 5/12/16 | 12:30a | 72 | 16.4 | 22.0 | 13.71 | .0731 | 702 | 1 | 100.0 | 30 |
| 5/12/16 | 1:00a | 72 | 16.4 | 22.0 | 13.71 | .0731 | 703 | 1 | 100.0 | 30 |
| 5/12/16 | 1:30a | 72 | 16.3 | 21.8 | 13.72 | .0732 | 693 | 1 | 100.0 | 30 |
| 5/12/16 | 2:00a | 72 | 16.3 | 21.8 | 13.72 | .0731 | 702 | 1 | 100.0 | 30 |
| 5/12/16 | 2:30a | 72 | 16.2 | 21.7 | 13.73 | .0732 | 701 | 1 | 100.0 | 30 |
| 5/12/16 | 3:00a | 72 | 16.1 | 21.6 | 13.73 | .0732 | 693 | 1 | 100.0 | 30 |
| 5/12/16 | 3:30a | 72 | 16.1 | 21.6 | 13.73 | .0733 | 703 | 1 | 100.0 | 30 |
| 5/12/16 | 4:00a | 72 | 16.0 | 21.4 | 13.74 | .0733 | 702 | 1 | 100.0 | 30 |
| 5/12/16 | 4:30a | 72 | 15.9 | 21.3 | 13.75 | .0733 | 694 | 1 | 100.0 | 30 |
| 5/12/16 | 5:00a | 72 | 15.8 | 21.2 | 13.75 | .0734 | 702 | 1 | 100.0 | 30 |
| 5/12/16 | 5:30a | 72 | 15.8 | 21.2 | 13.75 | .0734 | 699 | 1 | 100.0 | 30 |
| 5/12/16 | 6:00a | 72 | 15.8 | 21.2 | 13.75 | .0735 | 696 | 1 | 100.0 | 30 |
| 5/12/16 | 6:30a | 72 | 15.8 | 21.2 | 13.75 | .0735 | 701 | 1 | 100.0 | 30 |
| 5/12/16 | 7:00a | 72 | 16.0 | 21.4 | 13.74 | .0734 | 695 | 1 | 100.0 | 30 |
| 5/12/16 | 7:30a | 72 | 16.2 | 21.7 | 13.73 | .0734 | 698 | 1 | 100.0 | 30 |
| 5/12/16 | 8:00a | 72 | 16.5 | 22.1 | 13.71 | .0733 | 703 | 1 | 100.0 | 30 |
| 5/12/16 | 8:30a | 73 | 16.7 | 22.2 | 13.90 | .0732 | 702 | 1 | 100.0 | 30 |
| 5/12/16 | 9:00a | 73 | 16.9 | 22.4 | 13.89 | .0731 | 692 | 1 | 100.0 | 30 |
| 5/12/16 | 9:30a | 72 | 16.8 | 22.6 | 13.68 | .0731 | 701 | 1 | 100.0 | 30 |
| 5/12/16 | 10:00a | 71 | 16.8 | 22.8 | 13.36 | .0730 | 702 | 1 | 100.0 | 30 |
| 5/12/16 | 10:30a | 71 | 17.0 | 23.1 | 13.35 | .0729 | 702 | 1 | 100.0 | 30 |
| 5/12/16 | 11:00a | 71 | 17.1 | 23.2 | 13.34 | .0728 | 690 | 1 | 100.0 | 30 |
| 5/12/16 | 11:30a | 70 | 17.0 | 23.3 | 13.03 | .0728 | 703 | 1 | 100.0 | 30 |
| 5/12/16 | 12:00p | 70 | 17.1 | 23.5 | 13.03 | .0727 | 698 | 1 | 100.0 | 30 |
| 5/12/16 | 12:30p | 71 | 17.5 | 23.8 | 13.31 | .0726 | 701 | 1 | 100.0 | 30 |
| 5/12/16 | 1:00p | 71 | 17.5 | 23.8 | 13.31 | .0726 | 685 | 1 | 100.0 | 30 |
| 5/12/16 | 1:30p | 71 | 17.6 | 23.9 | 13.31 | .0726 | 699 | 1 | 100.0 | 30 |
| 5/12/16 | 2:00p | 70 | 17.4 | 23.9 | 13.00 | .0726 | 697 | 1 | 100.0 | 30 |
| 5/12/16 | 2:30p | 70 | 17.4 | 23.9 | 13.00 | .0726 | 697 | 1 | 100.0 | 30 |
| 5/12/16 | 3:00p | 70 | 17.3 | 23.9 | 13.01 | .0726 | 686 | 1 | 100.0 | 30 |
| 5/12/16 | 3:30p | 71 | 17.6 | 23.9 | 13.31 | .0726 | 696 | 1 | 100.0 | 30 |
| 5/12/16 | 4:00p | 71 | 17.5 | 23.8 | 13.31 | .0727 | 692 | 1 | 100.0 | 30 |
| 5/12/16 | 4:30p | 71 | 17.4 | 23.6 | 13.32 | .0727 | 702 | 1 | 100.0 | 30 |
| 5/12/16 | 5:00p | 71 | 17.2 | 23.3 | 13.33 | .0728 | 693 | 1 | 100.0 | 30 |
| 5/12/16 | 5:30p | 71 | 17.1 | 23.2 | 13.34 | .0729 | 702 | 1 | 100.0 | 30 |
| 5/12/16 | 6:00p | 71 | 16.9 | 22.9 | 13.35 | .0730 | 700 | 1 | 100.0 | 30 |
| 5/12/16 | 6:30p | 72 | 17.1 | 22.9 | 13.66 | .0730 | 698 | 1 | 100.0 | 30 |
| 5/12/16 | 7:00p | 72 | 17.0 | 22.8 | 13.67 | .0731 | 697 | 1 | 100.0 | 30 |
| 5/12/16 | 7:30p | 72 | 16.9 | 22.6 | 13.67 | .0731 | 703 | 1 | 100.0 | 30 |
| 5/12/16 | 8:00p | 72 | 16.8 | 22.6 | 13.68 | .0732 | 702 | 1 | 100.0 | 30 |
| 5/12/16 | 8:30p | 72 | 16.8 | 22.4 | 13.68 | .0732 | 694 | 1 | 100.0 | 30 |
| 5/12/16 | 9:00p | 72 | 16.7 | 22.4 | 13.69 | .0732 | 701 | 1 | 100.0 | 30 |
| 5/12/16 | 9:30p | 72 | 16.7 | 22.3 | 13.69 | .0732 | 702 | 1 | 100.0 | 30 |
| 5/12/16 | 10:00p | 72 | 16.6 | 22.3 | 13.69 | .0732 | 694 | 1 | 100.0 | 30 |
| 5/12/16 | 10:30p | 72 | 16.6 | 22.2 | 13.70 | .0733 | 702 | 1 | 100.0 | 30 |
| 5/12/16 | 11:00p | 72 | 16.5 | 22.1 | 13.70 | .0733 | 703 | 1 | 100.0 | 30 |
| 5/12/16 | 11:30p | 72 | 16.5 | 22.1 | 13.71 | .0733 | 694 | 1 | 100.0 | 30 |
| 6/12/16 | 12:00a | 72 | 16.4 | 22.0 | 13.71 | .0733 | 703 | 1 | 100.0 | 30 |