

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|-------|------|--------------|-------------|-------------|------------|
| 9/01/17 | 12:30a | 10.8 | 11.1 | 10.7 | 86 | 8.5 | 3.2 | NNE | 1.61 | 14.5 | NNE | 10.8 | 10.8 | 10.8 | 765.8 | 0.00 | 0.0 | 0.157 | 0.000 | 17.6 |
| 9/01/17 | 1:00a | 10.6 | 10.7 | 10.6 | 86 | 8.3 | 3.2 | WNW | 1.61 | 19.3 | NE | 10.6 | 10.6 | 10.6 | 765.6 | 0.00 | 0.0 | 0.162 | 0.000 | 17.4 |
| 9/01/17 | 1:30a | 10.6 | 10.6 | 10.6 | 86 | 8.3 | 3.2 | NE | 1.61 | 16.1 | NE | 10.6 | 10.6 | 10.6 | 765.5 | 0.00 | 0.0 | 0.162 | 0.000 | 17.3 |
| 9/01/17 | 2:00a | 10.5 | 10.6 | 10.5 | 86 | 8.3 | 3.2 | NNE | 1.61 | 17.7 | NNE | 10.5 | 10.6 | 10.6 | 765.5 | 0.00 | 0.0 | 0.163 | 0.000 | 17.4 |
| 9/01/17 | 2:30a | 10.6 | 10.6 | 10.6 | 86 | 8.3 | 3.2 | NE | 1.61 | 17.7 | NNE | 10.6 | 10.6 | 10.6 | 765.7 | 0.00 | 0.0 | 0.162 | 0.000 | 17.3 |
| 9/01/17 | 3:00a | 10.1 | 10.6 | 10.1 | 88 | 8.2 | 3.2 | NE | 1.61 | 14.5 | NNW | 10.1 | 10.2 | 10.2 | 765.9 | 0.00 | 0.0 | 0.172 | 0.000 | 17.2 |
| 9/01/17 | 3:30a | 10.3 | 10.3 | 10.0 | 87 | 8.2 | 3.2 | NNE | 1.61 | 12.9 | NE | 10.3 | 10.3 | 10.3 | 766.1 | 0.00 | 0.0 | 0.168 | 0.000 | 17.2 |
| 9/01/17 | 4:00a | 10.4 | 10.4 | 10.3 | 87 | 8.3 | 3.2 | NE | 1.61 | 16.1 | NE | 10.4 | 10.4 | 10.4 | 766.2 | 0.00 | 0.0 | 0.166 | 0.000 | 17.2 |
| 9/01/17 | 4:30a | 10.6 | 10.6 | 10.3 | 85 | 8.2 | 3.2 | NNE | 1.61 | 16.1 | NE | 10.6 | 10.6 | 10.6 | 766.4 | 0.00 | 0.0 | 0.161 | 0.000 | 17.1 |
| 9/01/17 | 5:00a | 10.7 | 10.7 | 10.6 | 84 | 8.1 | 3.2 | NNE | 1.61 | 14.5 | NNE | 10.7 | 10.7 | 10.7 | 766.6 | 0.00 | 0.0 | 0.159 | 0.000 | 17.1 |
| 9/01/17 | 5:30a | 10.6 | 10.7 | 10.6 | 84 | 8.0 | 3.2 | NNE | 1.61 | 17.7 | NNE | 10.6 | 10.6 | 10.6 | 766.9 | 0.00 | 0.0 | 0.161 | 0.000 | 17.1 |
| 9/01/17 | 6:00a | 10.8 | 10.8 | 10.6 | 83 | 8.0 | 3.2 | NE | 1.61 | 14.5 | NNE | 10.8 | 10.7 | 10.7 | 767.4 | 0.00 | 0.0 | 0.157 | 0.000 | 17.1 |
| 9/01/17 | 6:30a | 11.1 | 11.1 | 10.8 | 83 | 8.3 | 3.2 | NE | 1.61 | 16.1 | NNE | 11.1 | 11.0 | 11.0 | 767.7 | 0.00 | 0.0 | 0.152 | 0.000 | 17.1 |
| 9/01/17 | 7:00a | 11.3 | 11.3 | 11.0 | 82 | 8.4 | 4.8 | NE | 2.41 | 16.1 | NNE | 11.3 | 11.2 | 11.2 | 768.0 | 0.00 | 0.0 | 0.146 | 0.000 | 17.2 |
| 9/01/17 | 7:30a | 12.0 | 12.0 | 11.3 | 81 | 8.8 | 4.8 | NNE | 2.41 | 20.9 | NE | 12.0 | 11.8 | 11.8 | 768.3 | 0.00 | 0.0 | 0.132 | 0.000 | 17.3 |
| 9/01/17 | 8:00a | 12.8 | 12.8 | 12.0 | 79 | 9.3 | 3.2 | NNE | 1.61 | 19.3 | NNE | 12.8 | 12.7 | 12.7 | 768.2 | 0.00 | 0.0 | 0.115 | 0.000 | 17.6 |
| 9/01/17 | 8:30a | 13.2 | 13.3 | 12.8 | 76 | 9.1 | 4.8 | NNE | 2.41 | 19.3 | NNE | 13.2 | 12.9 | 12.9 | 768.2 | 0.00 | 0.0 | 0.106 | 0.000 | 17.8 |
| 9/01/17 | 9:00a | 13.5 | 13.5 | 13.1 | 75 | 9.2 | 4.8 | NE | 2.41 | 20.9 | NE | 13.5 | 13.2 | 13.2 | 768.0 | 0.00 | 0.0 | 0.101 | 0.000 | 17.8 |
| 9/01/17 | 9:30a | 14.3 | 14.4 | 13.5 | 72 | 9.3 | 3.2 | NNE | 1.61 | 20.9 | ENE | 14.3 | 13.9 | 13.9 | 767.9 | 0.00 | 0.0 | 0.084 | 0.000 | 18.0 |
| 9/01/17 | 10:00a | 14.6 | 14.7 | 14.2 | 70 | 9.2 | 4.8 | NNE | 2.41 | 19.3 | NNE | 14.6 | 14.2 | 14.2 | 767.5 | 0.00 | 0.0 | 0.078 | 0.000 | 18.2 |
| 9/01/17 | 10:30a | 15.1 | 15.1 | 14.4 | 69 | 9.5 | 4.8 | NNE | 2.41 | 19.3 | NE | 15.1 | 14.7 | 14.7 | 767.0 | 0.00 | 0.0 | 0.067 | 0.000 | 18.4 |
| 9/01/17 | 11:00a | 15.8 | 15.8 | 15.0 | 68 | 9.9 | 4.8 | NE | 2.41 | 19.3 | E | 15.8 | 15.4 | 15.4 | 766.5 | 0.00 | 0.0 | 0.053 | 0.000 | 18.7 |
| 9/01/17 | 11:30a | 15.7 | 16.0 | 15.4 | 68 | 9.8 | 6.4 | NNE | 3.22 | 22.5 | NNE | 15.7 | 15.3 | 15.3 | 766.0 | 0.00 | 0.0 | 0.056 | 0.000 | 18.9 |
| 9/01/17 | 12:00p | 16.1 | 16.3 | 15.7 | 66 | 9.8 | 4.8 | NE | 2.41 | 22.5 | NE | 16.1 | 15.7 | 15.7 | 765.5 | 0.00 | 0.0 | 0.046 | 0.000 | 19.0 |
| 9/01/17 | 12:30p | 16.3 | 16.3 | 15.8 | 65 | 9.7 | 6.4 | NE | 3.22 | 19.3 | ENE | 16.3 | 15.8 | 15.8 | 764.9 | 0.00 | 0.0 | 0.043 | 0.000 | 19.2 |
| 9/01/17 | 1:00p | 16.7 | 16.8 | 16.2 | 62 | 9.4 | 4.8 | NNE | 2.41 | 22.5 | NNE | 16.7 | 16.2 | 16.2 | 764.6 | 0.00 | 0.0 | 0.034 | 0.000 | 19.2 |
| 9/01/17 | 1:30p | 16.7 | 17.1 | 16.6 | 63 | 9.6 | 4.8 | NE | 2.41 | 25.7 | NNE | 16.7 | 16.2 | 16.2 | 764.4 | 0.00 | 0.0 | 0.035 | 0.000 | 19.3 |
| 9/01/17 | 2:00p | 16.2 | 16.8 | 16.1 | 65 | 9.6 | 4.8 | NE | 2.41 | 19.3 | NE | 16.2 | 15.7 | 15.7 | 764.2 | 0.00 | 0.0 | 0.045 | 0.000 | 19.3 |
| 9/01/17 | 2:30p | 15.9 | 16.3 | 15.9 | 65 | 9.3 | 4.8 | NE | 2.41 | 22.5 | NNE | 15.9 | 15.4 | 15.4 | 764.1 | 0.00 | 0.0 | 0.051 | 0.000 | 19.4 |
| 9/01/17 | 3:00p | 15.3 | 15.8 | 15.3 | 67 | 9.2 | 4.8 | NE | 2.41 | 20.9 | NNE | 15.3 | 14.8 | 14.8 | 764.2 | 0.00 | 0.0 | 0.064 | 0.000 | 19.3 |
| 9/01/17 | 3:30p | 14.6 | 15.3 | 14.6 | 70 | 9.2 | 4.8 | W | 2.41 | 22.5 | NNE | 14.6 | 14.2 | 14.2 | 764.3 | 0.00 | 0.0 | 0.078 | 0.000 | 19.3 |
| 9/01/17 | 4:00p | 13.8 | 14.6 | 13.8 | 73 | 9.1 | 4.8 | NNE | 2.41 | 19.3 | NNE | 13.8 | 13.5 | 13.5 | 764.6 | 0.00 | 0.0 | 0.094 | 0.000 | 19.2 |
| 9/01/17 | 4:30p | 13.2 | 13.8 | 13.2 | 75 | 8.8 | 4.8 | NE | 2.41 | 16.1 | NE | 13.2 | 12.8 | 12.8 | 764.8 | 0.00 | 0.0 | 0.108 | 0.000 | 18.9 |
| 9/01/17 | 5:00p | 12.8 | 13.2 | 12.8 | 76 | 8.7 | 3.2 | NNE | 1.61 | 14.5 | NNE | 12.8 | 12.5 | 12.5 | 765.2 | 0.00 | 0.0 | 0.116 | 0.000 | 18.8 |
| 9/01/17 | 5:30p | 12.6 | 12.8 | 12.6 | 76 | 8.4 | 1.6 | NE | 0.80 | 11.3 | NE | 12.6 | 12.3 | 12.3 | 765.6 | 0.00 | 0.0 | 0.120 | 0.000 | 18.7 |
| 9/01/17 | 6:00p | 12.3 | 12.6 | 12.2 | 76 | 8.2 | 3.2 | NNE | 1.61 | 11.3 | NE | 12.3 | 12.0 | 12.0 | 765.9 | 0.00 | 0.0 | 0.126 | 0.000 | 18.5 |
| 9/01/17 | 6:30p | 11.9 | 12.2 | 11.9 | 78 | 8.2 | 1.6 | NE | 0.80 | 12.9 | NNE | 11.9 | 11.7 | 11.7 | 766.3 | 0.00 | 0.0 | 0.133 | 0.000 | 18.4 |
| 9/01/17 | 7:00p | 11.7 | 11.9 | 11.7 | 79 | 8.1 | 1.6 | NW | 0.80 | 12.9 | NE | 11.7 | 11.5 | 11.5 | 766.6 | 0.00 | 0.0 | 0.139 | 0.000 | 18.3 |
| 9/01/17 | 7:30p | 11.1 | 11.7 | 11.1 | 82 | 8.1 | 1.6 | NE | 0.80 | 8.0 | NE | 11.1 | 11.0 | 11.0 | 766.7 | 0.00 | 0.0 | 0.152 | 0.000 | 18.2 |
| 9/01/17 | 8:00p | 10.6 | 11.1 | 10.6 | 84 | 8.0 | 0.0 | NE | 0.00 | 8.0 | N | 10.6 | 10.6 | 10.6 | 766.9 | 0.00 | 0.0 | 0.161 | 0.000 | 18.1 |
| 9/01/17 | 8:30p | 10.5 | 10.6 | 10.4 | 84 | 7.9 | 1.6 | NE | 0.80 | 8.0 | E | 10.5 | 10.5 | 10.5 | 766.9 | 0.00 | 0.0 | 0.163 | 0.000 | 18.0 |
| 9/01/17 | 9:00p | 10.4 | 10.6 | 10.4 | 84 | 7.8 | 0.0 | NE | 0.00 | 6.4 | N | 10.4 | 10.4 | 10.4 | 766.8 | 0.00 | 0.0 | 0.166 | 0.000 | 17.9 |
| 9/01/17 | 9:30p | 10.1 | 10.4 | 10.1 | 85 | 7.6 | 0.0 | NE | 0.00 | 4.8 | NE | 10.1 | 10.1 | 10.1 | 766.6 | 0.00 | 0.0 | 0.172 | 0.000 | 17.9 |
| 9/01/17 | 10:00p | 10.1 | 10.1 | 10.0 | 84 | 7.5 | 0.0 | NE | 0.00 | 9.7 | E | 10.1 | 10.2 | 10.2 | 766.5 | 0.00 | 0.0 | 0.171 | 0.000 | 17.9 |
| 9/01/17 | 10:30p | 9.9 | 10.2 | 9.9 | 85 | 7.5 | 0.0 | WNW | 0.00 | 3.2 | SW | 9.9 | 9.9 | 9.9 | 766.2 | 0.00 | 0.0 | 0.176 | 0.000 | 17.8 |
| 9/01/17 | 11:00p | 9.8 | 9.9 | 9.8 | 86 | 7.6 | 0.0 | ENE | 0.00 | 9.7 | ENE | 9.8 | 9.9 | 9.9 | 766.1 | 0.00 | 0.0 | 0.177 | 0.000 | 17.7 |
| 9/01/17 | 11:30p | 10.0 | 10.0 | 9.8 | 85 | 7.6 | 0.0 | NE | 0.00 | 8.0 | ENE | 10.0 | 10.1 | 10.1 | 765.8 | 0.00 | 0.0 | 0.174 | 0.000 | 17.7 |
| 10/01/17 | 12:00a | 10.1 | 10.1 | 9.9 | 85 | 7.7 | 0.0 | NE | 0.00 | 8.0 | WNW | 10.1 | 10.2 | 10.2 | 765.6 | 0.00 | 0.0 | 0.171 | 0.000 | 17.6 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 9/01/17 | 12:30a | 67 | 11.4 | 17.3 | 12.48 | .0754 | 697 | 1 | 100.0 | 30 |
| 9/01/17 | 1:00a | 67 | 11.2 | 17.1 | 12.48 | .0755 | 700 | 1 | 100.0 | 30 |
| 9/01/17 | 1:30a | 67 | 11.1 | 17.1 | 12.49 | .0755 | 696 | 1 | 100.0 | 30 |
| 9/01/17 | 2:00a | 66 | 11.0 | 17.1 | 12.22 | .0755 | 702 | 1 | 100.0 | 30 |
| 9/01/17 | 2:30a | 66 | 10.9 | 17.0 | 12.23 | .0755 | 701 | 1 | 100.0 | 30 |
| 9/01/17 | 3:00a | 67 | 11.0 | 16.9 | 12.49 | .0755 | 694 | 1 | 100.0 | 30 |
| 9/01/17 | 3:30a | 67 | 11.0 | 16.9 | 12.49 | .0756 | 701 | 1 | 100.0 | 30 |
| 9/01/17 | 4:00a | 67 | 11.0 | 16.9 | 12.49 | .0756 | 696 | 1 | 100.0 | 30 |
| 9/01/17 | 4:30a | 67 | 10.9 | 16.8 | 12.49 | .0756 | 702 | 1 | 100.0 | 30 |
| 9/01/17 | 5:00a | 66 | 10.7 | 16.8 | 12.24 | .0757 | 702 | 1 | 100.0 | 30 |
| 9/01/17 | 5:30a | 66 | 10.7 | 16.7 | 12.24 | .0757 | 695 | 1 | 100.0 | 30 |
| 9/01/17 | 6:00a | 66 | 10.7 | 16.7 | 12.24 | .0757 | 700 | 1 | 100.0 | 30 |
| 9/01/17 | 6:30a | 66 | 10.7 | 16.7 | 12.24 | .0758 | 700 | 1 | 100.0 | 30 |
| 9/01/17 | 7:00a | 67 | 11.0 | 16.9 | 12.49 | .0758 | 695 | 1 | 100.0 | 30 |
| 9/01/17 | 7:30a | 68 | 11.3 | 17.1 | 12.75 | .0757 | 703 | 1 | 100.0 | 30 |
| 9/01/17 | 8:00a | 70 | 12.0 | 17.4 | 13.32 | .0756 | 699 | 1 | 100.0 | 30 |
| 9/01/17 | 8:30a | 69 | 12.0 | 17.6 | 13.03 | .0756 | 690 | 1 | 100.0 | 30 |
| 9/01/17 | 9:00a | 68 | 11.8 | 17.6 | 12.75 | .0755 | 702 | 1 | 100.0 | 30 |
| 9/01/17 | 9:30a | 67 | 11.8 | 17.8 | 12.46 | .0755 | 700 | 1 | 100.0 | 30 |
| 9/01/17 | 10:00a | 66 | 11.7 | 18.0 | 12.16 | .0754 | 698 | 1 | 100.0 | 30 |
| 9/01/17 | 10:30a | 65 | 11.7 | 18.3 | 11.95 | .0753 | 656 | 1 | 95.9 | 30 |
| 9/01/17 | 11:00a | 65 | 12.0 | 18.6 | 11.94 | .0751 | 703 | 1 | 100.0 | 30 |
| 9/01/17 | 11:30a | 64 | 11.9 | 18.7 | 11.73 | .0751 | 701 | 1 | 100.0 | 30 |
| 9/01/17 | 12:00p | 64 | 12.0 | 18.8 | 11.73 | .0750 | 699 | 1 | 100.0 | 30 |
| 9/01/17 | 12:30p | 64 | 12.2 | 19.1 | 11.72 | .0749 | 691 | 1 | 100.0 | 30 |
| 9/01/17 | 1:00p | 64 | 12.2 | 19.1 | 11.72 | .0748 | 692 | 1 | 100.0 | 30 |
| 9/01/17 | 1:30p | 63 | 12.1 | 19.1 | 11.62 | .0748 | 696 | 1 | 100.0 | 30 |
| 9/01/17 | 2:00p | 63 | 12.1 | 19.2 | 11.61 | .0748 | 694 | 1 | 100.0 | 30 |
| 9/01/17 | 2:30p | 63 | 12.2 | 19.3 | 11.61 | .0747 | 685 | 1 | 100.0 | 30 |
| 9/01/17 | 3:00p | 63 | 12.1 | 19.1 | 11.62 | .0748 | 685 | 1 | 100.0 | 30 |
| 9/01/17 | 3:30p | 63 | 12.1 | 19.1 | 11.62 | .0748 | 696 | 1 | 100.0 | 30 |
| 9/01/17 | 4:00p | 63 | 12.0 | 19.0 | 11.62 | .0748 | 697 | 1 | 100.0 | 30 |
| 9/01/17 | 4:30p | 63 | 11.7 | 18.7 | 11.63 | .0749 | 694 | 1 | 100.0 | 30 |
| 9/01/17 | 5:00p | 63 | 11.6 | 18.6 | 11.63 | .0750 | 702 | 1 | 100.0 | 30 |
| 9/01/17 | 5:30p | 63 | 11.5 | 18.4 | 11.64 | .0751 | 702 | 1 | 100.0 | 30 |
| 9/01/17 | 6:00p | 63 | 11.3 | 18.2 | 11.64 | .0752 | 695 | 1 | 100.0 | 30 |
| 9/01/17 | 6:30p | 63 | 11.2 | 18.1 | 11.65 | .0753 | 700 | 1 | 100.0 | 30 |
| 9/01/17 | 7:00p | 63 | 11.1 | 18.0 | 11.65 | .0753 | 701 | 1 | 100.0 | 30 |
| 9/01/17 | 7:30p | 63 | 11.1 | 17.9 | 11.65 | .0754 | 692 | 1 | 100.0 | 30 |
| 9/01/17 | 8:00p | 63 | 11.0 | 17.8 | 11.65 | .0754 | 697 | 1 | 100.0 | 30 |
| 9/01/17 | 8:30p | 63 | 10.8 | 17.7 | 11.65 | .0754 | 691 | 1 | 100.0 | 30 |
| 9/01/17 | 9:00p | 64 | 11.0 | 17.7 | 11.76 | .0754 | 701 | 1 | 100.0 | 30 |
| 9/01/17 | 9:30p | 64 | 11.0 | 17.7 | 11.76 | .0754 | 700 | 1 | 100.0 | 30 |
| 9/01/17 | 10:00p | 63 | 10.7 | 17.6 | 11.65 | .0754 | 697 | 1 | 100.0 | 30 |
| 9/01/17 | 10:30p | 63 | 10.6 | 17.4 | 11.65 | .0754 | 699 | 1 | 100.0 | 30 |
| 9/01/17 | 11:00p | 63 | 10.6 | 17.3 | 11.65 | .0755 | 687 | 1 | 100.0 | 30 |
| 9/01/17 | 11:30p | 63 | 10.6 | 17.3 | 11.65 | .0754 | 698 | 1 | 100.0 | 30 |
| 10/01/17 | 12:00a | 63 | 10.5 | 17.2 | 11.65 | .0754 | 690 | 1 | 100.0 | 30 |