

| 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 |
|---------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 8/01/19 | 12:30a | 13.8 | 14.2 | 13.8 | 94 | 12.9 | 0.0 | NW | 0.00 | 4.8 | W | 13.8 | 13.9 | 13.9 | 1016.7 | 0.00 | 0.0 | 0.094 | 0.000 | 19.1 |
| 8/01/19 | 1:00a | 13.8 | 13.8 | 13.8 | 95 | 13.0 | 0.0 | NNE | 0.00 | 3.2 | NNE | 13.8 | 13.9 | 13.9 | 1016.5 | 0.00 | 0.0 | 0.094 | 0.000 | 19.0 |
| 8/01/19 | 1:30a | 13.8 | 13.9 | 13.8 | 95 | 13.0 | 0.0 | N | 0.00 | 4.8 | N | 13.8 | 13.9 | 13.9 | 1016.3 | 0.00 | 0.0 | 0.094 | 0.000 | 18.9 |
| 8/01/19 | 2:00a | --- | 13.8 | 13.2 | --- | --- | 0.0 | N | 0.00 | 1.6 | N | --- | --- | --- | 1016.3 | 0.00 | 0.0 | --- | --- | 19.0 |
| 8/01/19 | 2:30a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1016.4 | 0.00 | 0.0 | --- | --- | 18.9 |
| 8/01/19 | 3:00a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1016.5 | 0.00 | 0.0 | --- | --- | 19.1 |
| 8/01/19 | 3:30a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1016.5 | 0.00 | 0.0 | --- | --- | 19.4 |
| 8/01/19 | 4:00a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1016.6 | 0.00 | 0.0 | --- | --- | 19.1 |
| 8/01/19 | 4:30a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1016.7 | 0.00 | 0.0 | --- | --- | 18.8 |
| 8/01/19 | 5:00a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1016.9 | 0.00 | 0.0 | --- | --- | 18.6 |
| 8/01/19 | 5:30a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1017.1 | 0.00 | 0.0 | --- | --- | 18.8 |
| 8/01/19 | 6:00a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1017.4 | 0.00 | 0.0 | --- | --- | 19.1 |
| 8/01/19 | 6:30a | 12.8 | 12.8 | 12.6 | 97 | 12.3 | 0.0 | ENE | 0.00 | 1.6 | NW | 12.8 | 12.9 | 12.9 | 1017.7 | 0.00 | 0.0 | 0.116 | 0.000 | 18.7 |
| 8/01/19 | 7:00a | 14.8 | 14.8 | 12.8 | 91 | 13.4 | 0.0 | NNE | 0.00 | 4.8 | NNE | 14.8 | 14.9 | 14.9 | 1018.0 | 0.00 | 0.0 | 0.073 | 0.000 | 18.6 |
| 8/01/19 | 7:30a | 16.1 | 16.1 | 14.8 | 84 | 13.4 | 0.0 | NNE | 0.00 | 3.2 | NNE | 16.1 | 16.2 | 16.2 | 1018.2 | 0.00 | 0.0 | 0.047 | 0.000 | 18.9 |
| 8/01/19 | 8:00a | 18.4 | 18.4 | 16.1 | 73 | 13.5 | 1.6 | N | 0.80 | 8.0 | NNE | 18.4 | 18.6 | 18.6 | 1018.1 | 0.00 | 0.0 | 0.000 | 0.002 | 19.4 |
| 8/01/19 | 8:30a | 19.4 | 19.6 | 18.4 | 67 | 13.2 | 1.6 | NNE | 0.80 | 8.0 | NNE | 19.4 | 19.6 | 19.6 | 1017.8 | 0.00 | 0.0 | 0.000 | 0.023 | 19.9 |
| 8/01/19 | 9:00a | 19.3 | 19.4 | 18.7 | 70 | 13.7 | 1.6 | NNE | 0.80 | 11.3 | NNE | 19.3 | 19.6 | 19.6 | 1017.5 | 0.00 | 0.0 | 0.000 | 0.021 | 20.2 |
| 8/01/19 | 9:30a | 19.9 | 20.1 | 19.4 | 67 | 13.6 | 1.6 | NNE | 0.80 | 11.3 | NNW | 19.9 | 20.1 | 20.1 | 1017.3 | 0.00 | 0.0 | 0.000 | 0.034 | 20.4 |
| 8/01/19 | 10:00a | 20.5 | 20.6 | 19.9 | 64 | 13.5 | 3.2 | NNE | 1.61 | 12.9 | NNE | 20.5 | 20.4 | 20.4 | 1016.9 | 0.00 | 0.0 | 0.000 | 0.045 | 20.7 |
| 8/01/19 | 10:30a | 20.9 | 21.4 | 20.5 | 61 | 13.1 | 3.2 | NNE | 1.61 | 12.9 | NE | 20.9 | 20.6 | 20.6 | 1016.5 | 0.00 | 0.0 | 0.000 | 0.054 | 20.8 |
| 8/01/19 | 11:00a | 21.6 | 21.7 | 20.9 | 59 | 13.2 | 3.2 | NW | 1.61 | 16.1 | ENE | 21.6 | 21.2 | 21.2 | 1016.2 | 0.00 | 0.0 | 0.000 | 0.067 | 21.0 |
| 8/01/19 | 11:30a | 22.1 | 22.1 | 21.9 | 59 | 13.7 | 3.2 | NNE | 1.61 | 11.3 | NE | 22.1 | 21.9 | 21.9 | 1015.5 | 0.00 | 0.0 | 0.000 | 0.079 | 21.1 |
| 8/01/19 | 12:00p | 22.4 | 22.4 | 21.9 | 56 | 13.2 | 3.2 | NNE | 1.61 | 12.9 | NNE | 22.4 | 22.2 | 22.2 | 1014.9 | 0.00 | 0.0 | 0.000 | 0.084 | 21.2 |
| 8/01/19 | 12:30p | 22.7 | 22.7 | 22.3 | 52 | 12.3 | 3.2 | NNE | 1.61 | 12.9 | NE | 22.7 | 22.4 | 22.4 | 1014.4 | 0.00 | 0.0 | 0.000 | 0.090 | 21.3 |
| 8/01/19 | 1:00p | 22.2 | 22.7 | 22.1 | 58 | 13.6 | 3.2 | NE | 1.61 | 17.7 | NE | 22.2 | 22.1 | 22.1 | 1014.0 | 0.00 | 0.0 | 0.000 | 0.081 | 21.4 |
| 8/01/19 | 1:30p | 21.8 | 22.4 | 21.8 | 55 | 12.4 | 3.2 | W | 1.61 | 11.3 | ESE | 21.8 | 21.4 | 21.4 | 1014.0 | 0.00 | 0.0 | 0.000 | 0.073 | 21.6 |
| 8/01/19 | 2:00p | 22.2 | 22.2 | 21.7 | 53 | 12.1 | 3.2 | WSW | 1.61 | 9.7 | SE | 22.2 | 21.8 | 21.8 | 1014.1 | 0.00 | 0.0 | 0.000 | 0.080 | 21.6 |
| 8/01/19 | 2:30p | 21.7 | 22.2 | 21.7 | 54 | 12.0 | 1.6 | NNE | 0.80 | 12.9 | W | 21.7 | 21.2 | 21.2 | 1014.2 | 0.00 | 0.0 | 0.000 | 0.071 | 21.6 |
| 8/01/19 | 3:00p | 21.7 | 21.9 | 21.7 | 53 | 11.7 | 1.6 | NNE | 0.80 | 11.3 | N | 21.7 | 21.1 | 21.1 | 1014.3 | 0.00 | 0.0 | 0.000 | 0.071 | 21.7 |
| 8/01/19 | 3:30p | 20.9 | 21.7 | 20.9 | 58 | 12.4 | 1.6 | WSW | 0.80 | 11.3 | N | 20.9 | 20.4 | 20.4 | 1014.3 | 0.00 | 0.0 | 0.000 | 0.054 | 21.7 |
| 8/01/19 | 4:00p | 19.9 | 20.9 | 19.9 | 64 | 12.9 | 3.2 | NNE | 1.61 | 17.7 | NNE | 19.9 | 20.0 | 20.0 | 1014.5 | 0.00 | 0.0 | 0.000 | 0.034 | 21.6 |
| 8/01/19 | 4:30p | 19.2 | 19.9 | 19.2 | 68 | 13.1 | 1.6 | NE | 0.80 | 9.7 | WNW | 19.2 | 19.2 | 19.2 | 1015.0 | 0.00 | 0.0 | 0.000 | 0.017 | 21.6 |
| 8/01/19 | 5:00p | 18.3 | 19.2 | 18.3 | 72 | 13.2 | 1.6 | NNE | 0.80 | 9.7 | E | 18.3 | 18.4 | 18.4 | 1015.2 | 0.00 | 0.0 | 0.000 | 0.000 | 21.4 |
| 8/01/19 | 5:30p | 17.7 | 18.3 | 17.7 | 74 | 13.0 | 0.0 | NNE | 0.00 | 6.4 | SW | 17.7 | 17.7 | 17.7 | 1015.7 | 0.00 | 0.0 | 0.014 | 0.000 | 21.3 |
| 8/01/19 | 6:00p | 17.1 | 17.7 | 17.1 | 76 | 12.8 | 0.0 | NNW | 0.00 | 9.7 | NNW | 17.1 | 17.1 | 17.1 | 1016.1 | 0.00 | 0.0 | 0.025 | 0.000 | 21.2 |
| 8/01/19 | 6:30p | 16.6 | 17.1 | 16.6 | 78 | 12.8 | 0.0 | NNE | 0.00 | 4.8 | NNE | 16.6 | 16.6 | 16.6 | 1016.5 | 0.00 | 0.0 | 0.036 | 0.000 | 21.1 |
| 8/01/19 | 7:00p | 16.1 | 16.6 | 16.1 | 81 | 12.8 | 0.0 | NE | 0.00 | 11.3 | ENE | 16.1 | 16.1 | 16.1 | 1017.0 | 0.00 | 0.0 | 0.046 | 0.000 | 21.0 |
| 8/01/19 | 7:30p | 15.6 | 16.1 | 15.6 | 86 | 13.3 | 0.0 | NNE | 0.00 | 11.3 | NNE | 15.6 | 15.7 | 15.7 | 1017.4 | 0.00 | 0.0 | 0.057 | 0.000 | 20.9 |
| 8/01/19 | 8:00p | 15.1 | 15.6 | 15.1 | 89 | 13.3 | 0.0 | NNE | 0.00 | 6.4 | NNE | 15.1 | 15.2 | 15.2 | 1017.6 | 0.00 | 0.0 | 0.067 | 0.000 | 20.7 |
| 8/01/19 | 8:30p | 14.7 | 15.1 | 14.7 | 91 | 13.3 | 0.0 | NE | 0.00 | 4.8 | NE | 14.7 | 14.8 | 14.8 | 1017.7 | 0.00 | 0.0 | 0.075 | 0.000 | 20.6 |
| 8/01/19 | 9:00p | 14.5 | 14.7 | 14.5 | 92 | 13.2 | 1.6 | ENE | 0.80 | 6.4 | NNE | 14.5 | 14.6 | 14.6 | 1017.6 | 0.00 | 0.0 | 0.080 | 0.000 | 20.5 |
| 8/01/19 | 9:30p | 14.4 | 14.6 | 14.4 | 92 | 13.1 | 1.6 | WSW | 0.80 | 9.7 | ENE | 14.4 | 14.5 | 14.5 | 1017.5 | 0.00 | 0.0 | 0.082 | 0.000 | 20.3 |
| 8/01/19 | 10:00p | 14.5 | 14.5 | 14.4 | 92 | 13.2 | 0.0 | NNE | 0.00 | 6.4 | NW | 14.5 | 14.6 | 14.6 | 1017.3 | 0.00 | 0.0 | 0.080 | 0.000 | 20.3 |
| 8/01/19 | 10:30p | 14.6 | 14.6 | 14.5 | 92 | 13.3 | 0.0 | N | 0.00 | 6.4 | N | 14.6 | 14.7 | 14.7 | 1017.1 | 0.00 | 0.0 | 0.079 | 0.000 | 20.2 |
| 8/01/19 | 11:00p | 14.2 | 14.6 | 14.2 | 92 | 12.9 | 0.0 | NE | 0.00 | 3.2 | NNE | 14.2 | 14.3 | 14.3 | 1017.0 | 0.00 | 0.0 | 0.087 | 0.000 | 20.2 |
| 8/01/19 | 11:30p | 14.1 | 14.2 | 14.0 | 94 | 13.2 | 0.0 | NNE | 0.00 | 4.8 | N | 14.1 | 14.2 | 14.2 | 1017.1 | 0.00 | 0.0 | 0.088 | 0.000 | 20.2 |
| 9/01/19 | 12:00a | 14.2 | 14.2 | 14.1 | 94 | 13.2 | 0.0 | NNE | 0.00 | 6.4 | NNE | 14.2 | 14.3 | 14.3 | 1016.8 | 0.00 | 0.0 | 0.087 | 0.000 | 20.1 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|---------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 8/01/19 | 12:30a | 74 | 14.3 | 19.3 | 14.25 | .0745 | 703 | 1 | 100.0 | 30 |
| 8/01/19 | 1:00a | 74 | 14.3 | 19.3 | 14.25 | .0745 | 694 | 1 | 100.0 | 30 |
| 8/01/19 | 1:30a | 74 | 14.2 | 19.2 | 14.25 | .0745 | 702 | 1 | 100.0 | 30 |
| 8/01/19 | 2:00a | 74 | 14.3 | 19.3 | 14.25 | .0745 | 264 | 1 | 38.6 | 30 |
| 8/01/19 | 2:30a | 74 | 14.2 | 19.1 | 14.25 | .0745 | 0 | 1 | 0.0 | 30 |
| 8/01/19 | 3:00a | 74 | 14.4 | 19.4 | 14.25 | .0745 | 0 | 1 | 0.0 | 30 |
| 8/01/19 | 3:30a | 73 | 14.4 | 19.7 | 14.01 | .0744 | 0 | 1 | 0.0 | 30 |
| 8/01/19 | 4:00a | 73 | 14.1 | 19.3 | 14.02 | .0745 | 0 | 1 | 0.0 | 30 |
| 8/01/19 | 4:30a | 74 | 14.0 | 19.0 | 14.25 | .0746 | 0 | 1 | 0.0 | 30 |
| 8/01/19 | 5:00a | 74 | 13.9 | 18.8 | 14.25 | .0747 | 0 | 1 | 0.0 | 30 |
| 8/01/19 | 5:30a | 74 | 14.0 | 19.0 | 14.25 | .0746 | 0 | 1 | 0.0 | 30 |
| 8/01/19 | 6:00a | 73 | 14.2 | 19.4 | 14.02 | .0745 | 0 | 1 | 0.0 | 30 |
| 8/01/19 | 6:30a | 74 | 14.0 | 18.9 | 14.25 | .0747 | 99 | 1 | 14.5 | 30 |
| 8/01/19 | 7:00a | 76 | 14.3 | 18.9 | 14.84 | .0747 | 692 | 1 | 100.0 | 30 |
| 8/01/19 | 7:30a | 76 | 14.6 | 19.2 | 14.83 | .0746 | 681 | 1 | 99.6 | 30 |
| 8/01/19 | 8:00a | 74 | 14.7 | 19.8 | 14.25 | .0745 | 698 | 1 | 100.0 | 30 |
| 8/01/19 | 8:30a | 73 | 14.9 | 20.3 | 13.99 | .0743 | 700 | 1 | 100.0 | 30 |
| 8/01/19 | 9:00a | 71 | 14.7 | 20.5 | 13.48 | .0742 | 687 | 1 | 100.0 | 30 |
| 8/01/19 | 9:30a | 71 | 15.0 | 20.7 | 13.47 | .0741 | 696 | 1 | 100.0 | 30 |
| 8/01/19 | 10:00a | 70 | 15.0 | 20.8 | 13.18 | .0740 | 699 | 1 | 100.0 | 30 |
| 8/01/19 | 10:30a | 69 | 14.9 | 20.9 | 12.87 | .0740 | 693 | 1 | 100.0 | 30 |
| 8/01/19 | 11:00a | 69 | 15.1 | 21.1 | 12.86 | .0739 | 695 | 1 | 100.0 | 30 |
| 8/01/19 | 11:30a | 68 | 14.9 | 21.1 | 12.55 | .0739 | 700 | 1 | 100.0 | 30 |
| 8/01/19 | 12:00p | 68 | 15.1 | 21.2 | 12.55 | .0738 | 700 | 1 | 100.0 | 30 |
| 8/01/19 | 12:30p | 66 | 14.7 | 21.3 | 12.14 | .0737 | 692 | 1 | 100.0 | 30 |
| 8/01/19 | 1:00p | 66 | 14.8 | 21.4 | 12.14 | .0737 | 700 | 1 | 100.0 | 30 |
| 8/01/19 | 1:30p | 66 | 14.9 | 21.6 | 12.13 | .0736 | 702 | 1 | 100.0 | 30 |
| 8/01/19 | 2:00p | 65 | 14.7 | 21.6 | 11.85 | .0736 | 695 | 1 | 100.0 | 30 |
| 8/01/19 | 2:30p | 65 | 14.7 | 21.6 | 11.85 | .0736 | 694 | 1 | 100.0 | 30 |
| 8/01/19 | 3:00p | 65 | 14.8 | 21.6 | 11.85 | .0736 | 700 | 1 | 100.0 | 30 |
| 8/01/19 | 3:30p | 64 | 14.6 | 21.6 | 11.65 | .0736 | 698 | 1 | 100.0 | 30 |
| 8/01/19 | 4:00p | 65 | 14.7 | 21.6 | 11.85 | .0737 | 696 | 1 | 100.0 | 30 |
| 8/01/19 | 4:30p | 66 | 14.9 | 21.6 | 12.13 | .0737 | 687 | 1 | 100.0 | 30 |
| 8/01/19 | 5:00p | 66 | 14.8 | 21.4 | 12.14 | .0737 | 697 | 1 | 100.0 | 30 |
| 8/01/19 | 5:30p | 67 | 15.0 | 21.3 | 12.34 | .0738 | 700 | 1 | 100.0 | 30 |
| 8/01/19 | 6:00p | 67 | 14.8 | 21.2 | 12.35 | .0739 | 695 | 1 | 100.0 | 30 |
| 8/01/19 | 6:30p | 67 | 14.7 | 21.1 | 12.35 | .0739 | 697 | 1 | 100.0 | 30 |
| 8/01/19 | 7:00p | 68 | 14.9 | 21.0 | 12.56 | .0740 | 700 | 1 | 100.0 | 30 |
| 8/01/19 | 7:30p | 68 | 14.8 | 20.9 | 12.57 | .0741 | 694 | 1 | 100.0 | 30 |
| 8/01/19 | 8:00p | 68 | 14.6 | 20.8 | 12.58 | .0741 | 700 | 1 | 100.0 | 30 |
| 8/01/19 | 8:30p | 69 | 14.7 | 20.8 | 12.89 | .0741 | 702 | 1 | 100.0 | 30 |
| 8/01/19 | 9:00p | 69 | 14.6 | 20.7 | 12.89 | .0742 | 693 | 1 | 100.0 | 30 |
| 8/01/19 | 9:30p | 69 | 14.5 | 20.6 | 12.91 | .0742 | 699 | 1 | 100.0 | 30 |
| 8/01/19 | 10:00p | 70 | 14.6 | 20.6 | 13.21 | .0742 | 701 | 1 | 100.0 | 30 |
| 8/01/19 | 10:30p | 70 | 14.6 | 20.5 | 13.21 | .0742 | 694 | 1 | 100.0 | 30 |
| 8/01/19 | 11:00p | 70 | 14.5 | 20.4 | 13.22 | .0742 | 701 | 1 | 100.0 | 30 |
| 8/01/19 | 11:30p | 70 | 14.5 | 20.4 | 13.22 | .0742 | 701 | 1 | 100.0 | 30 |
| 9/01/19 | 12:00a | 70 | 14.5 | 20.4 | 13.22 | .0742 | 694 | 1 | 100.0 | 30 |