

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 23/12/18 | 12:30a | 11.0 | 11.1 | 11.0 | 95 | 10.2 | 0.0 | NNE | 0.00 | 4.8 | ENE | 11.0 | 11.2 | 11.2 | 1019.1 | 0.00 | 0.0 | 0.153 | 0.000 | 16.9 |
| 23/12/18 | 1:00a | 10.9 | 11.0 | 10.9 | 95 | 10.2 | 0.0 | ENE | 0.00 | 4.8 | ENE | 10.9 | 11.1 | 11.1 | 1018.9 | 0.00 | 0.0 | 0.154 | 0.000 | 16.8 |
| 23/12/18 | 1:30a | 10.8 | 10.9 | 10.8 | 96 | 10.2 | 0.0 | NE | 0.00 | 4.8 | ENE | 10.8 | 11.1 | 11.1 | 1018.7 | 0.00 | 0.0 | 0.156 | 0.000 | 16.8 |
| 23/12/18 | 2:00a | 10.7 | 10.8 | 10.7 | 96 | 10.1 | 0.0 | N | 0.00 | 6.4 | ENE | 10.7 | 10.9 | 10.9 | 1018.6 | 0.00 | 0.0 | 0.159 | 0.000 | 16.7 |
| 23/12/18 | 2:30a | 10.7 | 10.8 | 10.7 | 96 | 10.1 | 0.0 | ENE | 0.00 | 8.0 | ENE | 10.7 | 10.9 | 10.9 | 1018.3 | 0.00 | 0.0 | 0.159 | 0.000 | 16.7 |
| 23/12/18 | 3:00a | 10.7 | 10.7 | 10.7 | 96 | 10.1 | 0.0 | NE | 0.00 | 4.8 | ENE | 10.7 | 10.9 | 10.9 | 1018.3 | 0.00 | 0.0 | 0.160 | 0.000 | 16.7 |
| 23/12/18 | 3:30a | 10.8 | 10.8 | 10.7 | 96 | 10.2 | 0.0 | ENE | 0.00 | 6.4 | E | 10.8 | 11.0 | 11.0 | 1018.4 | 0.00 | 0.0 | 0.157 | 0.000 | 16.6 |
| 23/12/18 | 4:00a | 10.9 | 10.9 | 10.8 | 96 | 10.3 | 0.0 | ENE | 0.00 | 3.2 | ENE | 10.9 | 11.2 | 11.2 | 1018.5 | 0.00 | 0.0 | 0.154 | 0.000 | 16.6 |
| 23/12/18 | 4:30a | 10.9 | 10.9 | 10.9 | 96 | 10.3 | 0.0 | NE | 0.00 | 3.2 | WNW | 10.9 | 11.1 | 11.1 | 1018.6 | 0.00 | 0.0 | 0.155 | 0.000 | 16.6 |
| 23/12/18 | 5:00a | 10.6 | 10.9 | 10.6 | 96 | 10.0 | 0.0 | NNW | 0.00 | 1.6 | E | 10.6 | 10.8 | 10.8 | 1019.0 | 0.00 | 0.0 | 0.161 | 0.000 | 16.6 |
| 23/12/18 | 5:30a | 10.6 | 10.6 | 10.6 | 96 | 9.9 | 0.0 | NNE | 0.00 | 3.2 | E | 10.6 | 10.8 | 10.8 | 1019.3 | 0.00 | 0.0 | 0.162 | 0.000 | 16.5 |
| 23/12/18 | 6:00a | 10.5 | 10.6 | 10.5 | 96 | 9.9 | 0.0 | ENE | 0.00 | 1.6 | NE | 10.5 | 10.8 | 10.8 | 1019.7 | 0.00 | 0.0 | 0.163 | 0.000 | 16.5 |
| 23/12/18 | 6:30a | 10.8 | 10.8 | 10.5 | 97 | 10.3 | 0.0 | WSW | 0.00 | 1.6 | WNW | 10.8 | 11.0 | 11.0 | 1019.9 | 0.00 | 0.0 | 0.157 | 0.000 | 16.6 |
| 23/12/18 | 7:00a | 12.5 | 12.5 | 10.8 | 94 | 11.6 | 0.0 | N | 0.00 | 4.8 | ENE | 12.5 | 12.6 | 12.6 | 1020.3 | 0.00 | 0.0 | 0.122 | 0.000 | 16.6 |
| 23/12/18 | 7:30a | 14.4 | 14.4 | 12.4 | 90 | 12.8 | 0.0 | ENE | 0.00 | 6.4 | ENE | 14.4 | 14.4 | 14.4 | 1020.3 | 0.00 | 0.0 | 0.082 | 0.000 | 16.8 |
| 23/12/18 | 8:00a | 16.6 | 16.6 | 14.4 | 82 | 13.5 | 1.6 | NE | 0.80 | 6.4 | WSW | 16.6 | 16.7 | 16.7 | 1020.1 | 0.00 | 0.0 | 0.037 | 0.000 | 17.1 |
| 23/12/18 | 8:30a | 17.1 | 17.5 | 16.6 | 79 | 13.4 | 1.6 | NNE | 0.80 | 11.3 | NNE | 17.1 | 17.2 | 17.2 | 1019.9 | 0.00 | 0.0 | 0.027 | 0.000 | 17.4 |
| 23/12/18 | 9:00a | 18.2 | 18.2 | 17.1 | 74 | 13.5 | 3.2 | NNE | 1.61 | 16.1 | NNE | 18.2 | 18.3 | 18.3 | 1019.5 | 0.00 | 0.0 | 0.003 | 0.000 | 17.7 |
| 23/12/18 | 9:30a | 18.9 | 18.9 | 18.2 | 73 | 13.9 | 3.2 | NNE | 1.61 | 14.5 | NNE | 18.9 | 19.1 | 19.1 | 1019.1 | 0.00 | 0.0 | 0.000 | 0.012 | 17.9 |
| 23/12/18 | 10:00a | 19.2 | 19.2 | 18.9 | 73 | 14.2 | 3.2 | W | 1.61 | 12.9 | N | 19.2 | 19.4 | 19.4 | 1018.4 | 0.00 | 0.0 | 0.000 | 0.017 | 18.2 |
| 23/12/18 | 10:30a | 19.7 | 19.9 | 19.2 | 70 | 14.0 | 3.2 | W | 1.61 | 14.5 | NE | 19.7 | 19.9 | 19.9 | 1017.7 | 0.00 | 0.0 | 0.000 | 0.028 | 18.3 |
| 23/12/18 | 11:00a | 19.5 | 19.7 | 19.2 | 71 | 14.1 | 3.2 | W | 1.61 | 11.3 | NNE | 19.5 | 19.8 | 19.8 | 1017.0 | 0.00 | 0.0 | 0.000 | 0.024 | 18.4 |
| 23/12/18 | 11:30a | 20.8 | 20.8 | 19.4 | 67 | 14.5 | 3.2 | W | 1.61 | 11.3 | N | 20.8 | 20.8 | 20.8 | 1016.5 | 0.00 | 0.0 | 0.000 | 0.052 | 18.5 |
| 23/12/18 | 12:00p | 21.8 | 21.8 | 20.8 | 65 | 15.0 | 3.2 | NNE | 1.61 | 12.9 | NNE | 21.8 | 21.8 | 21.8 | 1015.8 | 0.00 | 0.0 | 0.000 | 0.073 | 18.7 |
| 23/12/18 | 12:30p | 21.8 | 22.1 | 21.8 | 64 | 14.7 | 3.2 | W | 1.61 | 9.7 | NNW | 21.8 | 21.7 | 21.7 | 1015.6 | 0.00 | 0.0 | 0.000 | 0.072 | 18.8 |
| 23/12/18 | 1:00p | 21.2 | 21.8 | 21.2 | 66 | 14.6 | 3.2 | W | 1.61 | 11.3 | NE | 21.2 | 21.1 | 21.1 | 1015.2 | 0.00 | 0.0 | 0.000 | 0.060 | 18.9 |
| 23/12/18 | 1:30p | 21.3 | 21.8 | 21.2 | 65 | 14.5 | 3.2 | NNE | 1.61 | 14.5 | N | 21.3 | 21.2 | 21.2 | 1015.2 | 0.00 | 0.0 | 0.000 | 0.063 | 19.1 |
| 23/12/18 | 2:00p | 21.2 | 21.6 | 21.2 | 66 | 14.6 | 3.2 | SW | 1.61 | 14.5 | NNE | 21.2 | 21.1 | 21.1 | 1015.2 | 0.00 | 0.0 | 0.000 | 0.060 | 19.2 |
| 23/12/18 | 2:30p | 20.3 | 21.2 | 20.3 | 69 | 14.5 | 3.2 | W | 1.61 | 16.1 | N | 20.3 | 20.6 | 20.6 | 1015.3 | 0.00 | 0.0 | 0.000 | 0.042 | 19.2 |
| 23/12/18 | 3:00p | 19.7 | 20.3 | 19.7 | 70 | 14.1 | 1.6 | WSW | 0.80 | 16.1 | NNE | 19.7 | 20.0 | 20.0 | 1015.5 | 0.00 | 0.0 | 0.000 | 0.029 | 19.2 |
| 23/12/18 | 3:30p | 19.6 | 19.8 | 19.6 | 72 | 14.4 | 1.6 | NNE | 0.80 | 8.0 | NNE | 19.6 | 19.9 | 19.9 | 1015.6 | 0.00 | 0.0 | 0.000 | 0.025 | 19.2 |
| 23/12/18 | 4:00p | 19.2 | 19.6 | 19.2 | 74 | 14.5 | 1.6 | W | 0.80 | 11.3 | W | 19.2 | 19.6 | 19.6 | 1015.9 | 0.00 | 0.0 | 0.000 | 0.019 | 19.2 |
| 23/12/18 | 4:30p | 18.4 | 19.2 | 18.4 | 77 | 14.3 | 1.6 | WNW | 0.80 | 9.7 | WSW | 18.4 | 18.7 | 18.7 | 1016.3 | 0.00 | 0.0 | 0.000 | 0.002 | 19.1 |
| 23/12/18 | 5:00p | 18.1 | 18.4 | 18.1 | 78 | 14.2 | 1.6 | W | 0.80 | 9.7 | N | 18.1 | 18.3 | 18.3 | 1016.3 | 0.00 | 0.0 | 0.006 | 0.000 | 18.9 |
| 23/12/18 | 5:30p | 17.4 | 18.1 | 17.4 | 82 | 14.3 | 1.6 | NNE | 0.80 | 11.3 | NNE | 17.4 | 17.7 | 17.7 | 1016.4 | 0.00 | 0.0 | 0.019 | 0.000 | 18.8 |
| 23/12/18 | 6:00p | 16.9 | 17.4 | 16.9 | 86 | 14.6 | 1.6 | NNE | 0.80 | 8.0 | NNW | 16.9 | 17.2 | 17.2 | 1017.1 | 0.00 | 0.0 | 0.029 | 0.000 | 18.7 |
| 23/12/18 | 6:30p | 16.6 | 16.9 | 16.6 | 88 | 14.6 | 1.6 | ENE | 0.80 | 11.3 | NNE | 16.6 | 16.8 | 16.8 | 1017.5 | 0.00 | 0.0 | 0.036 | 0.000 | 18.6 |
| 23/12/18 | 7:00p | 16.3 | 16.6 | 16.3 | 90 | 14.6 | 1.6 | W | 0.80 | 12.9 | N | 16.3 | 16.5 | 16.5 | 1017.8 | 0.00 | 0.0 | 0.043 | 0.000 | 18.4 |
| 23/12/18 | 7:30p | 16.1 | 16.3 | 16.1 | 91 | 14.6 | 1.6 | NNE | 0.80 | 9.7 | NNE | 16.1 | 16.3 | 16.3 | 1018.2 | 0.00 | 0.0 | 0.047 | 0.000 | 18.4 |
| 23/12/18 | 8:00p | 15.9 | 16.1 | 15.9 | 92 | 14.6 | 1.6 | W | 0.80 | 8.0 | N | 15.9 | 16.1 | 16.1 | 1018.1 | 0.00 | 0.0 | 0.051 | 0.000 | 18.3 |
| 23/12/18 | 8:30p | 15.7 | 15.9 | 15.7 | 93 | 14.5 | 1.6 | W | 0.80 | 9.7 | N | 15.7 | 15.9 | 15.9 | 1018.1 | 0.00 | 0.0 | 0.056 | 0.000 | 18.2 |
| 23/12/18 | 9:00p | 15.4 | 15.7 | 15.4 | 94 | 14.5 | 1.6 | W | 0.80 | 16.1 | E | 15.4 | 15.7 | 15.7 | 1018.1 | 0.00 | 0.0 | 0.060 | 0.000 | 18.1 |
| 23/12/18 | 9:30p | 15.3 | 15.4 | 15.3 | 94 | 14.4 | 1.6 | SW | 0.80 | 9.7 | ENE | 15.3 | 15.6 | 15.6 | 1018.1 | 0.00 | 0.0 | 0.063 | 0.000 | 18.1 |
| 23/12/18 | 10:00p | 15.2 | 15.3 | 15.2 | 95 | 14.4 | 1.6 | W | 0.80 | 9.7 | SW | 15.2 | 15.4 | 15.4 | 1017.9 | 0.00 | 0.0 | 0.065 | 0.000 | 18.0 |
| 23/12/18 | 10:30p | 15.2 | 15.3 | 15.2 | 95 | 14.4 | 1.6 | SW | 0.80 | 8.0 | NNE | 15.2 | 15.4 | 15.4 | 1017.7 | 0.00 | 0.0 | 0.065 | 0.000 | 17.9 |
| 23/12/18 | 11:00p | 15.1 | 15.2 | 15.1 | 95 | 14.3 | 1.6 | NNE | 0.80 | 12.9 | N | 15.1 | 15.3 | 15.3 | 1017.7 | 0.00 | 0.0 | 0.068 | 0.000 | 17.9 |
| 23/12/18 | 11:30p | 15.1 | 15.1 | 15.1 | 96 | 14.4 | 0.0 | WSW | 0.00 | 6.4 | NNE | 15.1 | 15.3 | 15.3 | 1017.4 | 0.00 | 0.0 | 0.068 | 0.000 | 17.9 |
| 24/12/18 | 12:00a | 15.1 | 15.1 | 15.0 | 95 | 14.3 | 0.0 | W | 0.00 | 3.2 | NNE | 15.1 | 15.3 | 15.3 | 1017.0 | 0.00 | 0.0 | 0.068 | 0.000 | 17.9 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 23/12/18 | 12:30a | 69 | 11.2 | 16.6 | 13.00 | .0755 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 1:00a | 69 | 11.1 | 16.6 | 13.00 | .0755 | 694 | 1 | 100.0 | 30 |
| 23/12/18 | 1:30a | 69 | 11.1 | 16.5 | 12.99 | .0755 | 703 | 1 | 100.0 | 30 |
| 23/12/18 | 2:00a | 69 | 11.0 | 16.4 | 12.99 | .0755 | 699 | 1 | 100.0 | 30 |
| 23/12/18 | 2:30a | 69 | 11.0 | 16.4 | 12.99 | .0755 | 699 | 1 | 100.0 | 30 |
| 23/12/18 | 3:00a | 69 | 11.0 | 16.4 | 12.99 | .0755 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 3:30a | 70 | 11.1 | 16.3 | 13.29 | .0755 | 695 | 1 | 100.0 | 30 |
| 23/12/18 | 4:00a | 70 | 11.1 | 16.3 | 13.29 | .0755 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 4:30a | 70 | 11.1 | 16.3 | 13.29 | .0755 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 5:00a | 70 | 11.1 | 16.3 | 13.29 | .0755 | 695 | 1 | 100.0 | 30 |
| 23/12/18 | 5:30a | 70 | 11.0 | 16.2 | 13.28 | .0756 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 6:00a | 70 | 11.0 | 16.2 | 13.28 | .0756 | 701 | 1 | 100.0 | 30 |
| 23/12/18 | 6:30a | 70 | 11.1 | 16.3 | 13.29 | .0756 | 696 | 1 | 100.0 | 30 |
| 23/12/18 | 7:00a | 70 | 11.1 | 16.3 | 13.29 | .0756 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 7:30a | 70 | 11.3 | 16.6 | 13.30 | .0756 | 699 | 1 | 100.0 | 30 |
| 23/12/18 | 8:00a | 69 | 11.4 | 16.9 | 13.01 | .0755 | 693 | 1 | 100.0 | 30 |
| 23/12/18 | 8:30a | 69 | 11.6 | 17.2 | 13.02 | .0754 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 9:00a | 69 | 11.9 | 17.5 | 13.03 | .0752 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 9:30a | 69 | 12.2 | 17.8 | 13.04 | .0751 | 703 | 1 | 100.0 | 30 |
| 23/12/18 | 10:00a | 69 | 12.4 | 18.1 | 13.04 | .0750 | 698 | 1 | 100.0 | 30 |
| 23/12/18 | 10:30a | 69 | 12.5 | 18.2 | 13.05 | .0749 | 693 | 1 | 100.0 | 30 |
| 23/12/18 | 11:00a | 69 | 12.6 | 18.4 | 13.05 | .0748 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 11:30a | 69 | 12.7 | 18.5 | 13.04 | .0747 | 703 | 1 | 100.0 | 30 |
| 23/12/18 | 12:00p | 68 | 12.6 | 18.7 | 12.73 | .0747 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 12:30p | 68 | 12.8 | 18.8 | 12.71 | .0746 | 691 | 1 | 100.0 | 30 |
| 23/12/18 | 1:00p | 68 | 12.9 | 19.0 | 12.71 | .0745 | 703 | 1 | 100.0 | 30 |
| 23/12/18 | 1:30p | 68 | 13.1 | 19.2 | 12.69 | .0745 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 2:00p | 68 | 13.1 | 19.2 | 12.69 | .0744 | 703 | 1 | 100.0 | 30 |
| 23/12/18 | 2:30p | 68 | 13.2 | 19.3 | 12.69 | .0744 | 698 | 1 | 100.0 | 30 |
| 23/12/18 | 3:00p | 68 | 13.2 | 19.3 | 12.69 | .0745 | 693 | 1 | 100.0 | 30 |
| 23/12/18 | 3:30p | 68 | 13.2 | 19.3 | 12.69 | .0745 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 4:00p | 68 | 13.1 | 19.2 | 12.69 | .0745 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 4:30p | 69 | 13.2 | 19.2 | 13.00 | .0745 | 703 | 1 | 100.0 | 30 |
| 23/12/18 | 5:00p | 69 | 13.1 | 19.0 | 13.01 | .0746 | 690 | 1 | 100.0 | 30 |
| 23/12/18 | 5:30p | 70 | 13.2 | 18.9 | 13.31 | .0746 | 703 | 1 | 100.0 | 30 |
| 23/12/18 | 6:00p | 70 | 13.1 | 18.7 | 13.33 | .0747 | 701 | 1 | 100.0 | 30 |
| 23/12/18 | 6:30p | 71 | 13.2 | 18.6 | 13.54 | .0748 | 703 | 1 | 100.0 | 30 |
| 23/12/18 | 7:00p | 72 | 13.3 | 18.6 | 13.75 | .0748 | 691 | 1 | 100.0 | 30 |
| 23/12/18 | 7:30p | 72 | 13.2 | 18.4 | 13.75 | .0749 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 8:00p | 73 | 13.4 | 18.4 | 14.05 | .0749 | 703 | 1 | 100.0 | 30 |
| 23/12/18 | 8:30p | 74 | 13.5 | 18.3 | 14.25 | .0749 | 700 | 1 | 100.0 | 30 |
| 23/12/18 | 9:00p | 74 | 13.4 | 18.2 | 14.25 | .0749 | 695 | 1 | 100.0 | 30 |
| 23/12/18 | 9:30p | 75 | 13.6 | 18.2 | 14.47 | .0749 | 702 | 1 | 100.0 | 30 |
| 23/12/18 | 10:00p | 75 | 13.5 | 18.1 | 14.47 | .0749 | 703 | 1 | 100.0 | 30 |
| 23/12/18 | 10:30p | 75 | 13.4 | 18.1 | 14.48 | .0749 | 694 | 1 | 100.0 | 30 |
| 23/12/18 | 11:00p | 75 | 13.4 | 17.9 | 14.48 | .0749 | 700 | 1 | 100.0 | 30 |
| 23/12/18 | 11:30p | 75 | 13.4 | 17.9 | 14.48 | .0749 | 702 | 1 | 100.0 | 30 |
| 24/12/18 | 12:00a | 75 | 13.4 | 17.9 | 14.48 | .0749 | 701 | 1 | 100.0 | 30 |