

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 31/12/18 | 12:30a | 15.2 | 15.2 | 15.1 | 96 | 14.5 | 0.0 | N | 0.00 | 6.4 | N | 15.2 | 15.4 | 15.4 | 1012.2 | 0.00 | 0.0 | 0.066 | 0.000 | 19.2 |
| 31/12/18 | 1:00a | 15.2 | 15.3 | 15.2 | 95 | 14.4 | 0.0 | NNE | 0.00 | 4.8 | N | 15.2 | 15.4 | 15.4 | 1011.8 | 0.00 | 0.0 | 0.065 | 0.000 | 19.1 |
| 31/12/18 | 1:30a | --- | 15.3 | 14.8 | --- | --- | 0.0 | WNW | 0.00 | 1.6 | N | --- | --- | --- | 1011.6 | 0.00 | 0.0 | --- | --- | 19.1 |
| 31/12/18 | 2:00a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1011.4 | 0.00 | 0.0 | --- | --- | 19.5 |
| 31/12/18 | 2:30a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1011.7 | 0.00 | 0.0 | --- | --- | 19.7 |
| 31/12/18 | 3:00a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1011.8 | 0.00 | 0.0 | --- | --- | 19.2 |
| 31/12/18 | 3:30a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1011.8 | 0.00 | 0.0 | --- | --- | 19.1 |
| 31/12/18 | 4:00a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1011.8 | 0.00 | 0.0 | --- | --- | 18.9 |
| 31/12/18 | 4:30a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1012.1 | 0.00 | 0.0 | --- | --- | 19.3 |
| 31/12/18 | 5:00a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1012.3 | 0.00 | 0.0 | --- | --- | 19.5 |
| 31/12/18 | 5:30a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1012.5 | 0.00 | 0.0 | --- | --- | 19.0 |
| 31/12/18 | 6:00a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1012.7 | 0.00 | 0.0 | --- | --- | 18.8 |
| 31/12/18 | 6:30a | --- | --- | --- | --- | --- | 0.0 | --- | 0.00 | 0.0 | --- | --- | --- | --- | 1013.0 | 0.00 | 0.0 | --- | --- | 18.8 |
| 31/12/18 | 7:00a | 16.4 | 16.4 | 13.8 | 88 | 14.4 | 0.0 | WNW | 0.00 | 3.2 | N | 16.4 | 16.6 | 16.6 | 1013.3 | 0.00 | 0.0 | 0.041 | 0.000 | 18.8 |
| 31/12/18 | 7:30a | 17.4 | 17.4 | 16.4 | 84 | 14.7 | 0.0 | NNE | 0.00 | 4.8 | NNE | 17.4 | 17.7 | 17.7 | 1013.4 | 0.00 | 0.0 | 0.019 | 0.000 | 18.9 |
| 31/12/18 | 8:00a | 19.3 | 19.3 | 17.4 | 78 | 15.4 | 1.6 | NNE | 0.80 | 8.0 | NNE | 19.3 | 19.8 | 19.8 | 1013.4 | 0.00 | 0.0 | 0.000 | 0.021 | 19.2 |
| 31/12/18 | 8:30a | 20.2 | 20.2 | 19.3 | 74 | 15.4 | 1.6 | NNE | 0.80 | 8.0 | NNE | 20.2 | 20.7 | 20.7 | 1013.1 | 0.00 | 0.0 | 0.000 | 0.039 | 19.5 |
| 31/12/18 | 9:00a | 21.2 | 21.2 | 20.2 | 71 | 15.8 | 1.6 | NNE | 0.80 | 9.7 | NE | 21.2 | 21.4 | 21.4 | 1012.6 | 0.00 | 0.0 | 0.000 | 0.060 | 19.8 |
| 31/12/18 | 9:30a | 22.2 | 22.2 | 21.2 | 63 | 14.8 | 1.6 | N | 0.80 | 9.7 | NNE | 22.2 | 22.2 | 22.2 | 1012.0 | 0.00 | 0.0 | 0.000 | 0.080 | 20.1 |
| 31/12/18 | 10:00a | 23.3 | 23.3 | 22.2 | 55 | 13.8 | 1.6 | NNE | 0.80 | 8.0 | NE | 23.3 | 23.4 | 23.4 | 1011.5 | 0.00 | 0.0 | 0.000 | 0.104 | 20.3 |
| 31/12/18 | 10:30a | 23.8 | 23.8 | 23.3 | 52 | 13.3 | 1.6 | NNE | 0.80 | 9.7 | N | 23.8 | 23.9 | 23.9 | 1010.9 | 0.00 | 0.0 | 0.000 | 0.113 | 20.5 |
| 31/12/18 | 11:00a | 23.9 | 24.0 | 23.4 | 50 | 12.9 | 1.6 | ENE | 0.80 | 12.9 | ENE | 23.9 | 24.0 | 24.0 | 1010.5 | 0.00 | 0.0 | 0.000 | 0.117 | 20.6 |
| 31/12/18 | 11:30a | 24.4 | 24.6 | 23.9 | 50 | 13.3 | 1.6 | W | 0.80 | 9.7 | NE | 24.4 | 24.4 | 24.4 | 1009.9 | 0.00 | 0.0 | 0.000 | 0.126 | 20.8 |
| 31/12/18 | 12:00p | 24.6 | 24.7 | 24.3 | 49 | 13.2 | 3.2 | NNE | 1.61 | 14.5 | NE | 24.6 | 24.6 | 24.6 | 1009.4 | 0.00 | 0.0 | 0.000 | 0.131 | 20.8 |
| 31/12/18 | 12:30p | 24.8 | 25.1 | 24.6 | 42 | 11.0 | 1.6 | NNE | 0.80 | 14.5 | NNE | 24.8 | 24.4 | 24.4 | 1009.1 | 0.00 | 0.0 | 0.000 | 0.135 | 21.0 |
| 31/12/18 | 1:00p | 24.6 | 24.9 | 24.6 | 42 | 10.8 | 1.6 | W | 0.80 | 14.5 | NNE | 24.6 | 24.2 | 24.2 | 1008.8 | 0.00 | 0.0 | 0.000 | 0.131 | 21.1 |
| 31/12/18 | 1:30p | 24.6 | 24.8 | 24.6 | 41 | 10.5 | 1.6 | W | 0.80 | 22.5 | WNW | 24.6 | 24.2 | 24.2 | 1008.6 | 0.00 | 0.0 | 0.000 | 0.131 | 21.2 |
| 31/12/18 | 2:00p | 24.5 | 24.7 | 24.4 | 39 | 9.6 | 1.6 | W | 0.80 | 9.7 | N | 24.5 | 24.0 | 24.0 | 1008.6 | 0.00 | 0.0 | 0.000 | 0.128 | 21.2 |
| 31/12/18 | 2:30p | 24.2 | 24.5 | 24.2 | 39 | 9.4 | 1.6 | W | 0.80 | 11.3 | NNE | 24.2 | 23.7 | 23.7 | 1008.8 | 0.00 | 0.0 | 0.000 | 0.123 | 21.2 |
| 31/12/18 | 3:00p | 24.0 | 24.3 | 23.9 | 37 | 8.4 | 1.6 | NE | 0.80 | 9.7 | WSW | 24.0 | 23.4 | 23.4 | 1009.0 | 0.00 | 0.0 | 0.000 | 0.118 | 21.3 |
| 31/12/18 | 3:30p | 23.1 | 24.0 | 23.1 | 34 | 6.3 | 1.6 | W | 0.80 | 11.3 | ENE | 23.1 | 22.2 | 22.2 | 1009.4 | 0.00 | 0.0 | 0.000 | 0.098 | 21.3 |
| 31/12/18 | 4:00p | 22.2 | 23.0 | 22.2 | 33 | 5.1 | 1.6 | W | 0.80 | 11.3 | E | 22.2 | 20.7 | 20.7 | 1009.8 | 0.00 | 0.0 | 0.000 | 0.080 | 21.2 |
| 31/12/18 | 4:30p | 21.1 | 22.2 | 21.1 | 37 | 5.8 | 1.6 | W | 0.80 | 8.0 | ENE | 21.1 | 19.4 | 19.4 | 1010.2 | 0.00 | 0.0 | 0.000 | 0.057 | 21.1 |
| 31/12/18 | 5:00p | 19.8 | 21.1 | 19.8 | 41 | 6.1 | 0.0 | ENE | 0.00 | 4.8 | NNE | 19.8 | 18.5 | 18.5 | 1010.5 | 0.00 | 0.0 | 0.000 | 0.030 | 20.9 |
| 31/12/18 | 5:30p | 18.2 | 19.8 | 18.2 | 49 | 7.3 | 0.0 | N | 0.00 | 1.6 | WSW | 18.2 | 17.2 | 17.2 | 1010.9 | 0.00 | 0.0 | 0.002 | 0.000 | 20.8 |
| 31/12/18 | 6:00p | 16.9 | 18.2 | 16.9 | 56 | 8.1 | 0.0 | SW | 0.00 | 1.6 | SW | 16.9 | 16.2 | 16.2 | 1011.4 | 0.00 | 0.0 | 0.029 | 0.000 | 20.6 |
| 31/12/18 | 6:30p | 16.2 | 16.9 | 16.1 | 65 | 9.6 | 0.0 | ENE | 0.00 | 1.6 | ENE | 16.2 | 15.7 | 15.7 | 1011.9 | 0.00 | 0.0 | 0.045 | 0.000 | 20.4 |
| 31/12/18 | 7:00p | 16.4 | 16.5 | 16.0 | 77 | 12.4 | 0.0 | ENE | 0.00 | 4.8 | ENE | 16.4 | 16.4 | 16.4 | 1012.1 | 0.00 | 0.0 | 0.039 | 0.000 | 20.2 |
| 31/12/18 | 7:30p | 16.1 | 16.5 | 16.1 | 82 | 13.0 | 0.0 | NNE | 0.00 | 6.4 | N | 16.1 | 16.1 | 16.1 | 1012.3 | 0.00 | 0.0 | 0.047 | 0.000 | 20.0 |
| 31/12/18 | 8:00p | 15.6 | 16.1 | 15.6 | 87 | 13.4 | 0.0 | N | 0.00 | 6.4 | NNW | 15.6 | 15.7 | 15.7 | 1012.5 | 0.00 | 0.0 | 0.058 | 0.000 | 19.8 |
| 31/12/18 | 8:30p | 15.2 | 15.6 | 15.2 | 90 | 13.6 | 0.0 | NNE | 0.00 | 6.4 | ENE | 15.2 | 15.3 | 15.3 | 1012.5 | 0.00 | 0.0 | 0.065 | 0.000 | 19.7 |
| 31/12/18 | 9:00p | 15.0 | 15.2 | 15.0 | 92 | 13.7 | 1.6 | NE | 0.80 | 8.0 | NE | 15.0 | 15.2 | 15.2 | 1012.7 | 0.00 | 0.0 | 0.069 | 0.000 | 19.6 |
| 31/12/18 | 9:30p | 14.8 | 15.0 | 14.8 | 93 | 13.7 | 0.0 | NE | 0.00 | 6.4 | WSW | 14.8 | 15.0 | 15.0 | 1012.7 | 0.00 | 0.0 | 0.073 | 0.000 | 19.4 |
| 31/12/18 | 10:00p | 14.8 | 14.8 | 14.8 | 94 | 13.9 | 0.0 | WNW | 0.00 | 6.4 | NNE | 14.8 | 15.0 | 15.0 | 1012.7 | 0.00 | 0.0 | 0.073 | 0.000 | 19.3 |
| 31/12/18 | 10:30p | 14.7 | 14.9 | 14.7 | 94 | 13.7 | 0.0 | NE | 0.00 | 8.0 | NNW | 14.7 | 14.8 | 14.8 | 1012.4 | 0.00 | 0.0 | 0.076 | 0.000 | 19.2 |
| 31/12/18 | 11:00p | 14.5 | 14.7 | 14.5 | 94 | 13.5 | 0.0 | NNE | 0.00 | 6.4 | NE | 14.5 | 14.7 | 14.7 | 1012.0 | 0.00 | 0.0 | 0.080 | 0.000 | 19.2 |
| 31/12/18 | 11:30p | 14.2 | 14.5 | 14.2 | 95 | 13.4 | 0.0 | NE | 0.00 | 8.0 | E | 14.2 | 14.4 | 14.4 | 1011.9 | 0.00 | 0.0 | 0.086 | 0.000 | 19.1 |
| 1/01/19 | 12:00a | 14.1 | 14.2 | 14.1 | 96 | 13.5 | 0.0 | NE | 0.00 | 4.8 | NNW | 14.1 | 14.3 | 14.3 | 1011.6 | 0.00 | 0.0 | 0.088 | 0.000 | 19.0 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 31/12/18 | 12:30a | 74 | 14.4 | 19.4 | 14.25 | .0741 | 703 | 1 | 100.0 | 30 |
| 31/12/18 | 1:00a | 75 | 14.5 | 19.4 | 14.45 | .0741 | 701 | 1 | 100.0 | 30 |
| 31/12/18 | 1:30a | 75 | 14.6 | 19.4 | 14.45 | .0741 | 105 | 1 | 15.4 | 30 |
| 31/12/18 | 2:00a | 74 | 14.7 | 19.9 | 14.25 | .0740 | 0 | 1 | 0.0 | 30 |
| 31/12/18 | 2:30a | 73 | 14.7 | 20.1 | 14.00 | .0739 | 0 | 1 | 0.0 | 30 |
| 31/12/18 | 3:00a | 74 | 14.5 | 19.6 | 14.25 | .0741 | 0 | 1 | 0.0 | 30 |
| 31/12/18 | 3:30a | 75 | 14.5 | 19.4 | 14.45 | .0741 | 0 | 1 | 0.0 | 30 |
| 31/12/18 | 4:00a | 75 | 14.4 | 19.2 | 14.45 | .0742 | 0 | 1 | 0.0 | 30 |
| 31/12/18 | 4:30a | 74 | 14.6 | 19.7 | 14.25 | .0741 | 0 | 1 | 0.0 | 30 |
| 31/12/18 | 5:00a | 73 | 14.5 | 19.8 | 14.01 | .0740 | 0 | 1 | 0.0 | 30 |
| 31/12/18 | 5:30a | 75 | 14.5 | 19.3 | 14.45 | .0742 | 0 | 1 | 0.0 | 30 |
| 31/12/18 | 6:00a | 75 | 14.3 | 19.1 | 14.45 | .0743 | 0 | 1 | 0.0 | 30 |
| 31/12/18 | 6:30a | 75 | 14.3 | 19.1 | 14.45 | .0743 | 0 | 1 | 0.0 | 30 |
| 31/12/18 | 7:00a | 75 | 14.3 | 19.1 | 14.45 | .0743 | 688 | 1 | 100.0 | 30 |
| 31/12/18 | 7:30a | 74 | 14.2 | 19.2 | 14.25 | .0743 | 703 | 1 | 100.0 | 30 |
| 31/12/18 | 8:00a | 74 | 14.5 | 19.6 | 14.25 | .0742 | 691 | 1 | 100.0 | 30 |
| 31/12/18 | 8:30a | 74 | 14.7 | 19.9 | 14.25 | .0741 | 701 | 1 | 100.0 | 30 |
| 31/12/18 | 9:00a | 73 | 14.8 | 20.2 | 14.00 | .0740 | 702 | 1 | 100.0 | 30 |
| 31/12/18 | 9:30a | 73 | 15.1 | 20.5 | 13.99 | .0738 | 702 | 1 | 100.0 | 30 |
| 31/12/18 | 10:00a | 72 | 15.1 | 20.7 | 13.75 | .0737 | 693 | 1 | 100.0 | 30 |
| 31/12/18 | 10:30a | 71 | 15.1 | 20.8 | 13.47 | .0736 | 702 | 1 | 100.0 | 30 |
| 31/12/18 | 11:00a | 70 | 14.9 | 20.8 | 13.19 | .0736 | 703 | 1 | 100.0 | 30 |
| 31/12/18 | 11:30a | 70 | 15.1 | 20.9 | 13.17 | .0735 | 693 | 1 | 100.0 | 30 |
| 31/12/18 | 12:00p | 69 | 14.9 | 20.9 | 12.87 | .0735 | 703 | 1 | 100.0 | 30 |
| 31/12/18 | 12:30p | 68 | 14.9 | 21.0 | 12.56 | .0734 | 697 | 1 | 100.0 | 30 |
| 31/12/18 | 1:00p | 67 | 14.7 | 21.0 | 12.35 | .0734 | 700 | 1 | 100.0 | 30 |
| 31/12/18 | 1:30p | 67 | 14.8 | 21.1 | 12.35 | .0733 | 702 | 1 | 100.0 | 30 |
| 31/12/18 | 2:00p | 66 | 14.6 | 21.1 | 12.15 | .0733 | 702 | 1 | 100.0 | 30 |
| 31/12/18 | 2:30p | 65 | 14.4 | 21.1 | 11.85 | .0734 | 693 | 1 | 100.0 | 30 |
| 31/12/18 | 3:00p | 65 | 14.4 | 21.2 | 11.85 | .0734 | 700 | 1 | 100.0 | 30 |
| 31/12/18 | 3:30p | 65 | 14.4 | 21.2 | 11.85 | .0734 | 703 | 1 | 100.0 | 30 |
| 31/12/18 | 4:00p | 64 | 14.1 | 21.0 | 11.65 | .0735 | 702 | 1 | 100.0 | 30 |
| 31/12/18 | 4:30p | 64 | 14.0 | 20.9 | 11.65 | .0735 | 696 | 1 | 100.0 | 30 |
| 31/12/18 | 5:00p | 64 | 13.9 | 20.8 | 11.66 | .0736 | 697 | 1 | 100.0 | 30 |
| 31/12/18 | 5:30p | 64 | 13.7 | 20.6 | 11.66 | .0737 | 702 | 1 | 100.0 | 30 |
| 31/12/18 | 6:00p | 65 | 13.8 | 20.6 | 11.87 | .0737 | 703 | 1 | 100.0 | 30 |
| 31/12/18 | 6:30p | 65 | 13.6 | 20.4 | 11.88 | .0739 | 693 | 1 | 100.0 | 30 |
| 31/12/18 | 7:00p | 65 | 13.4 | 20.3 | 11.88 | .0739 | 703 | 1 | 100.0 | 30 |
| 31/12/18 | 7:30p | 66 | 13.5 | 20.2 | 12.15 | .0740 | 702 | 1 | 100.0 | 30 |
| 31/12/18 | 8:00p | 67 | 13.5 | 20.0 | 12.40 | .0740 | 694 | 1 | 100.0 | 30 |
| 31/12/18 | 8:30p | 68 | 13.6 | 19.8 | 12.65 | .0741 | 702 | 1 | 100.0 | 30 |
| 31/12/18 | 9:00p | 69 | 13.7 | 19.8 | 12.96 | .0741 | 703 | 1 | 100.0 | 30 |
| 31/12/18 | 9:30p | 70 | 13.8 | 19.6 | 13.27 | .0742 | 693 | 1 | 100.0 | 30 |
| 31/12/18 | 10:00p | 70 | 13.7 | 19.6 | 13.28 | .0742 | 702 | 1 | 100.0 | 30 |
| 31/12/18 | 10:30p | 71 | 13.8 | 19.4 | 13.52 | .0742 | 703 | 1 | 100.0 | 30 |
| 31/12/18 | 11:00p | 71 | 13.8 | 19.4 | 13.52 | .0742 | 693 | 1 | 100.0 | 30 |
| 31/12/18 | 11:30p | 72 | 13.9 | 19.3 | 13.75 | .0742 | 703 | 1 | 100.0 | 30 |
| 1/01/19 | 12:00a | 72 | 13.8 | 19.2 | 13.75 | .0742 | 702 | 1 | 100.0 | 30 |