

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 23/10/18 | 12:30a | 15.8 | 16.1 | 15.8 | 96 | 15.2 | 0.0 | W | 0.00 | 1.6 | WSW | 15.8 | 16.1 | 16.1 | 1014.5 | 0.00 | 0.0 | 0.052 | 0.000 | 21.1 |
| 23/10/18 | 1:00a | 15.9 | 15.9 | 15.8 | 97 | 15.4 | 0.0 | WNW | 0.00 | 1.6 | NNW | 15.9 | 16.2 | 16.2 | 1014.2 | 0.00 | 0.0 | 0.051 | 0.000 | 21.1 |
| 23/10/18 | 1:30a | 15.9 | 16.0 | 15.9 | 97 | 15.4 | 0.0 | NNE | 0.00 | 3.2 | W | 15.9 | 16.2 | 16.2 | 1013.8 | 0.00 | 0.0 | 0.051 | 0.000 | 21.1 |
| 23/10/18 | 2:00a | 15.8 | 15.9 | 15.8 | 97 | 15.3 | 0.0 | NNE | 0.00 | 1.6 | NE | 15.8 | 16.1 | 16.1 | 1013.5 | 0.00 | 0.0 | 0.053 | 0.000 | 21.0 |
| 23/10/18 | 2:30a | 15.8 | 15.9 | 15.8 | 97 | 15.4 | 0.0 | NE | 0.00 | 1.6 | WSW | 15.8 | 16.1 | 16.1 | 1013.5 | 0.00 | 0.0 | 0.052 | 0.000 | 20.9 |
| 23/10/18 | 3:00a | 15.8 | 15.9 | 15.8 | 97 | 15.3 | 0.0 | ENE | 0.00 | 3.2 | WSW | 15.8 | 16.1 | 16.1 | 1013.4 | 0.00 | 0.0 | 0.053 | 0.000 | 20.9 |
| 23/10/18 | 3:30a | 15.7 | 15.8 | 15.7 | 97 | 15.2 | 0.0 | ENE | 0.00 | 4.8 | N | 15.7 | 16.0 | 16.0 | 1013.5 | 0.00 | 0.0 | 0.054 | 0.000 | 20.9 |
| 23/10/18 | 4:00a | 15.7 | 15.7 | 15.7 | 97 | 15.2 | 0.0 | SW | 0.00 | 3.2 | NW | 15.7 | 15.9 | 15.9 | 1013.7 | 0.00 | 0.0 | 0.056 | 0.000 | 20.8 |
| 23/10/18 | 4:30a | 15.5 | 15.7 | 15.5 | 97 | 15.0 | 0.0 | ENE | 0.00 | 3.2 | NW | 15.5 | 15.8 | 15.8 | 1013.8 | 0.00 | 0.0 | 0.059 | 0.000 | 20.8 |
| 23/10/18 | 5:00a | 15.3 | 15.5 | 15.3 | 97 | 14.8 | 0.0 | N | 0.00 | 3.2 | W | 15.3 | 15.6 | 15.6 | 1014.1 | 0.00 | 0.0 | 0.064 | 0.000 | 20.8 |
| 23/10/18 | 5:30a | 15.3 | 15.3 | 15.2 | 97 | 14.8 | 0.0 | NE | 0.00 | 1.6 | NNE | 15.3 | 15.6 | 15.6 | 1014.4 | 0.00 | 0.0 | 0.064 | 0.000 | 20.8 |
| 23/10/18 | 6:00a | 15.4 | 15.4 | 15.3 | 97 | 14.9 | 0.0 | ENE | 0.00 | 3.2 | ENE | 15.4 | 15.7 | 15.7 | 1014.5 | 0.00 | 0.0 | 0.061 | 0.000 | 20.8 |
| 23/10/18 | 6:30a | 15.3 | 15.4 | 15.3 | 97 | 14.9 | 0.0 | NNE | 0.00 | 3.2 | NE | 15.3 | 15.6 | 15.6 | 1014.7 | 0.00 | 0.0 | 0.063 | 0.000 | 20.8 |
| 23/10/18 | 7:00a | 15.8 | 15.8 | 15.3 | 96 | 15.2 | 0.0 | N | 0.00 | 6.4 | N | 15.8 | 16.1 | 16.1 | 1014.8 | 0.00 | 0.0 | 0.052 | 0.000 | 20.8 |
| 23/10/18 | 7:30a | 16.3 | 16.3 | 15.9 | 92 | 15.0 | 0.0 | NNE | 0.00 | 4.8 | NNE | 16.3 | 16.6 | 16.6 | 1014.9 | 0.00 | 0.0 | 0.043 | 0.000 | 20.9 |
| 23/10/18 | 8:00a | 18.2 | 18.2 | 16.3 | 87 | 16.0 | 0.0 | ENE | 0.00 | 8.0 | WNW | 18.2 | 18.6 | 18.6 | 1015.1 | 0.00 | 0.0 | 0.003 | 0.000 | 21.2 |
| 23/10/18 | 8:30a | 19.9 | 19.9 | 18.2 | 81 | 16.6 | 1.6 | NNE | 0.80 | 11.3 | ENE | 19.9 | 20.7 | 20.7 | 1015.1 | 0.00 | 0.0 | 0.000 | 0.034 | 21.5 |
| 23/10/18 | 9:00a | 20.1 | 20.6 | 19.9 | 79 | 16.3 | 1.6 | NE | 0.80 | 12.9 | NNE | 20.1 | 20.7 | 20.7 | 1014.9 | 0.00 | 0.0 | 0.000 | 0.036 | 21.8 |
| 23/10/18 | 9:30a | 21.4 | 21.5 | 20.1 | 75 | 16.8 | 1.6 | NNE | 0.80 | 11.3 | NE | 21.4 | 21.8 | 21.8 | 1014.9 | 0.00 | 0.0 | 0.000 | 0.064 | 22.1 |
| 23/10/18 | 10:00a | 20.9 | 21.4 | 20.7 | 79 | 17.1 | 1.6 | WNW | 0.80 | 12.9 | NNW | 20.9 | 21.6 | 21.6 | 1014.7 | 0.00 | 0.0 | 0.000 | 0.053 | 22.3 |
| 23/10/18 | 10:30a | 21.4 | 21.5 | 20.8 | 75 | 16.8 | 3.2 | NNE | 1.61 | 14.5 | NE | 21.4 | 21.8 | 21.8 | 1014.5 | 0.00 | 0.0 | 0.000 | 0.064 | 22.4 |
| 23/10/18 | 11:00a | 21.0 | 21.4 | 20.9 | 77 | 16.8 | 1.6 | NNE | 0.80 | 9.7 | N | 21.0 | 21.5 | 21.5 | 1014.2 | 0.00 | 0.0 | 0.000 | 0.056 | 22.5 |
| 23/10/18 | 11:30a | 21.8 | 21.8 | 20.8 | 77 | 17.6 | 1.6 | WNW | 0.80 | 8.0 | ENE | 21.8 | 22.3 | 22.3 | 1014.0 | 0.00 | 0.0 | 0.000 | 0.072 | 22.6 |
| 23/10/18 | 12:00p | 22.4 | 22.4 | 21.8 | 73 | 17.3 | 1.6 | NE | 0.80 | 12.9 | WSW | 22.4 | 22.9 | 22.9 | 1013.6 | 0.00 | 0.0 | 0.000 | 0.084 | 22.7 |
| 23/10/18 | 12:30p | 22.9 | 23.2 | 22.4 | 72 | 17.6 | 1.6 | NNE | 0.80 | 9.7 | NNE | 22.9 | 23.7 | 23.7 | 1013.2 | 0.00 | 0.0 | 0.000 | 0.095 | 22.8 |
| 23/10/18 | 1:00p | 22.6 | 22.9 | 22.6 | 73 | 17.5 | 0.0 | NNE | 0.00 | 6.4 | W | 22.6 | 23.3 | 23.3 | 1012.7 | 0.00 | 0.0 | 0.000 | 0.089 | 22.9 |
| 23/10/18 | 1:30p | 22.3 | 22.6 | 22.1 | 73 | 17.3 | 1.6 | WSW | 0.80 | 8.0 | ESE | 22.3 | 22.9 | 22.9 | 1012.3 | 0.00 | 0.0 | 0.000 | 0.083 | 22.9 |
| 23/10/18 | 2:00p | 22.6 | 22.8 | 22.2 | 72 | 17.3 | 1.6 | NNE | 0.80 | 6.4 | NNE | 22.6 | 23.2 | 23.2 | 1012.2 | 0.00 | 0.0 | 0.000 | 0.088 | 23.0 |
| 23/10/18 | 2:30p | 22.5 | 22.6 | 22.1 | 68 | 16.3 | 1.6 | ENE | 0.80 | 8.0 | N | 22.5 | 22.9 | 22.9 | 1012.1 | 0.00 | 0.0 | 0.000 | 0.087 | 23.0 |
| 23/10/18 | 3:00p | 22.5 | 22.8 | 22.4 | 67 | 16.1 | 1.6 | WSW | 0.80 | 9.7 | SSW | 22.5 | 22.9 | 22.9 | 1012.0 | 0.00 | 0.0 | 0.000 | 0.087 | 23.1 |
| 23/10/18 | 3:30p | 22.8 | 22.9 | 22.5 | 64 | 15.6 | 0.0 | W | 0.00 | 8.0 | NNE | 22.8 | 23.1 | 23.1 | 1011.7 | 0.00 | 0.0 | 0.000 | 0.093 | 23.1 |
| 23/10/18 | 4:00p | 22.5 | 22.8 | 22.5 | 67 | 16.1 | 1.6 | NE | 0.80 | 6.4 | N | 22.5 | 22.9 | 22.9 | 1011.7 | 0.00 | 0.0 | 0.000 | 0.087 | 23.1 |
| 23/10/18 | 4:30p | 21.7 | 22.7 | 21.7 | 70 | 16.0 | 0.0 | SW | 0.00 | 3.2 | NE | 21.7 | 21.9 | 21.9 | 1011.9 | 0.00 | 0.0 | 0.000 | 0.071 | 23.1 |
| 23/10/18 | 5:00p | 21.1 | 21.7 | 21.1 | 73 | 16.0 | 0.0 | NE | 0.00 | 8.0 | NE | 21.1 | 21.3 | 21.3 | 1011.9 | 0.00 | 0.0 | 0.000 | 0.057 | 23.1 |
| 23/10/18 | 5:30p | 20.4 | 21.1 | 20.4 | 78 | 16.4 | 0.0 | N | 0.00 | 4.8 | NE | 20.4 | 21.1 | 21.1 | 1012.1 | 0.00 | 0.0 | 0.000 | 0.043 | 23.0 |
| 23/10/18 | 6:00p | 19.4 | 20.4 | 19.4 | 84 | 16.6 | 0.0 | NE | 0.00 | 6.4 | N | 19.4 | 20.1 | 20.1 | 1012.5 | 0.00 | 0.0 | 0.000 | 0.022 | 22.8 |
| 23/10/18 | 6:30p | 18.7 | 19.4 | 18.7 | 88 | 16.6 | 0.0 | NE | 0.00 | 6.4 | N | 18.7 | 19.3 | 19.3 | 1013.0 | 0.00 | 0.0 | 0.000 | 0.007 | 22.7 |
| 23/10/18 | 7:00p | 18.2 | 18.7 | 18.2 | 91 | 16.7 | 0.0 | NNE | 0.00 | 4.8 | N | 18.2 | 18.7 | 18.7 | 1013.4 | 0.00 | 0.0 | 0.003 | 0.000 | 22.5 |
| 23/10/18 | 7:30p | 17.8 | 18.2 | 17.8 | 92 | 16.5 | 0.0 | N | 0.00 | 6.4 | NNE | 17.8 | 18.3 | 18.3 | 1014.2 | 0.00 | 0.0 | 0.010 | 0.000 | 22.3 |
| 23/10/18 | 8:00p | 17.6 | 17.8 | 17.6 | 93 | 16.4 | 0.0 | ENE | 0.00 | 6.4 | ENE | 17.6 | 18.1 | 18.1 | 1014.6 | 0.00 | 0.0 | 0.016 | 0.000 | 22.2 |
| 23/10/18 | 8:30p | 17.1 | 17.6 | 17.1 | 94 | 16.1 | 0.0 | WNW | 0.00 | 3.2 | WNW | 17.1 | 17.6 | 17.6 | 1014.8 | 0.00 | 0.0 | 0.025 | 0.000 | 22.1 |
| 23/10/18 | 9:00p | 16.7 | 17.1 | 16.7 | 94 | 15.8 | 0.0 | W | 0.00 | 3.2 | WSW | 16.7 | 17.1 | 17.1 | 1014.9 | 0.00 | 0.0 | 0.034 | 0.000 | 22.0 |
| 23/10/18 | 9:30p | 16.6 | 16.7 | 16.5 | 95 | 15.8 | 0.0 | NNE | 0.00 | 3.2 | N | 16.6 | 16.9 | 16.9 | 1015.1 | 0.00 | 0.0 | 0.037 | 0.000 | 21.9 |
| 23/10/18 | 10:00p | 16.8 | 16.8 | 16.6 | 96 | 16.1 | 0.0 | SE | 0.00 | 6.4 | WSW | 16.8 | 17.2 | 17.2 | 1015.0 | 0.00 | 0.0 | 0.032 | 0.000 | 21.8 |
| 23/10/18 | 10:30p | 16.8 | 16.8 | 16.8 | 96 | 16.1 | 0.0 | W | 0.00 | 6.4 | NW | 16.8 | 17.2 | 17.2 | 1015.2 | 0.00 | 0.0 | 0.032 | 0.000 | 21.7 |
| 23/10/18 | 11:00p | 16.3 | 16.8 | 16.3 | 96 | 15.6 | 0.0 | W | 0.00 | 9.7 | ENE | 16.3 | 16.6 | 16.6 | 1015.1 | 0.00 | 0.0 | 0.043 | 0.000 | 21.6 |
| 23/10/18 | 11:30p | 16.2 | 16.3 | 16.2 | 96 | 15.6 | 0.0 | W | 0.00 | 4.8 | WNW | 16.2 | 16.6 | 16.6 | 1015.0 | 0.00 | 0.0 | 0.044 | 0.000 | 21.6 |
| 24/10/18 | 12:00a | 16.3 | 16.4 | 16.2 | 95 | 15.5 | 0.0 | W | 0.00 | 4.8 | WNW | 16.3 | 16.7 | 16.7 | 1014.7 | 0.00 | 0.0 | 0.042 | 0.000 | 21.5 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 23/10/18 | 12:30a | 76 | 16.7 | 21.5 | 14.75 | .0736 | 702 | 1 | 100.0 | 30 |
| 23/10/18 | 1:00a | 76 | 16.7 | 21.5 | 14.75 | .0736 | 693 | 1 | 100.0 | 30 |
| 23/10/18 | 1:30a | 76 | 16.7 | 21.4 | 14.75 | .0736 | 702 | 1 | 100.0 | 30 |
| 23/10/18 | 2:00a | 76 | 16.6 | 21.4 | 14.75 | .0736 | 701 | 1 | 100.0 | 30 |
| 23/10/18 | 2:30a | 77 | 16.8 | 21.4 | 14.97 | .0736 | 693 | 1 | 100.0 | 30 |
| 23/10/18 | 3:00a | 77 | 16.8 | 21.4 | 14.97 | .0736 | 702 | 1 | 100.0 | 30 |
| 23/10/18 | 3:30a | 77 | 16.7 | 21.4 | 14.98 | .0736 | 703 | 1 | 100.0 | 30 |
| 23/10/18 | 4:00a | 77 | 16.7 | 21.4 | 14.99 | .0736 | 693 | 1 | 100.0 | 30 |
| 23/10/18 | 4:30a | 77 | 16.7 | 21.4 | 14.99 | .0736 | 699 | 1 | 100.0 | 30 |
| 23/10/18 | 5:00a | 77 | 16.6 | 21.3 | 15.00 | .0737 | 702 | 1 | 100.0 | 30 |
| 23/10/18 | 5:30a | 77 | 16.6 | 21.3 | 15.00 | .0737 | 698 | 1 | 100.0 | 30 |
| 23/10/18 | 6:00a | 77 | 16.6 | 21.3 | 15.00 | .0737 | 698 | 1 | 100.0 | 30 |
| 23/10/18 | 6:30a | 77 | 16.6 | 21.3 | 15.00 | .0737 | 702 | 1 | 100.0 | 30 |
| 23/10/18 | 7:00a | 77 | 16.7 | 21.4 | 14.99 | .0737 | 697 | 1 | 100.0 | 30 |
| 23/10/18 | 7:30a | 77 | 16.8 | 21.4 | 14.97 | .0737 | 693 | 1 | 100.0 | 30 |
| 23/10/18 | 8:00a | 77 | 17.0 | 21.6 | 14.95 | .0736 | 696 | 1 | 100.0 | 30 |
| 23/10/18 | 8:30a | 76 | 17.1 | 21.9 | 14.74 | .0735 | 699 | 1 | 100.0 | 30 |
| 23/10/18 | 9:00a | 75 | 17.2 | 22.3 | 14.42 | .0734 | 693 | 1 | 100.0 | 30 |
| 23/10/18 | 9:30a | 74 | 17.3 | 22.6 | 14.18 | .0733 | 695 | 1 | 100.0 | 30 |
| 23/10/18 | 10:00a | 74 | 17.4 | 22.8 | 14.17 | .0733 | 699 | 1 | 100.0 | 30 |
| 23/10/18 | 10:30a | 73 | 17.4 | 23.1 | 13.85 | .0732 | 692 | 1 | 100.0 | 30 |
| 23/10/18 | 11:00a | 73 | 17.4 | 23.1 | 13.85 | .0732 | 687 | 1 | 100.0 | 30 |
| 23/10/18 | 11:30a | 73 | 17.5 | 23.2 | 13.85 | .0731 | 695 | 1 | 100.0 | 30 |
| 23/10/18 | 12:00p | 73 | 17.6 | 23.3 | 13.84 | .0731 | 697 | 1 | 100.0 | 30 |
| 23/10/18 | 12:30p | 72 | 17.5 | 23.5 | 13.63 | .0730 | 693 | 1 | 100.0 | 30 |
| 23/10/18 | 1:00p | 73 | 17.8 | 23.7 | 13.82 | .0729 | 680 | 1 | 99.4 | 30 |
| 23/10/18 | 1:30p | 73 | 17.8 | 23.7 | 13.82 | .0729 | 691 | 1 | 100.0 | 30 |
| 23/10/18 | 2:00p | 72 | 17.7 | 23.8 | 13.61 | .0729 | 694 | 1 | 100.0 | 30 |
| 23/10/18 | 2:30p | 73 | 17.9 | 23.8 | 13.81 | .0729 | 693 | 1 | 100.0 | 30 |
| 23/10/18 | 3:00p | 73 | 18.0 | 24.0 | 13.81 | .0728 | 687 | 1 | 100.0 | 30 |
| 23/10/18 | 3:30p | 72 | 17.8 | 23.9 | 13.61 | .0728 | 697 | 1 | 100.0 | 30 |
| 23/10/18 | 4:00p | 72 | 17.8 | 23.9 | 13.61 | .0728 | 696 | 1 | 100.0 | 30 |
| 23/10/18 | 4:30p | 72 | 17.8 | 23.9 | 13.61 | .0728 | 703 | 1 | 100.0 | 30 |
| 23/10/18 | 5:00p | 72 | 17.7 | 23.9 | 13.61 | .0728 | 686 | 1 | 100.0 | 30 |
| 23/10/18 | 5:30p | 73 | 17.9 | 23.8 | 13.81 | .0729 | 698 | 1 | 100.0 | 30 |
| 23/10/18 | 6:00p | 73 | 17.7 | 23.6 | 13.83 | .0729 | 700 | 1 | 100.0 | 30 |
| 23/10/18 | 6:30p | 74 | 17.8 | 23.4 | 14.14 | .0730 | 700 | 1 | 100.0 | 30 |
| 23/10/18 | 7:00p | 74 | 17.6 | 23.2 | 14.15 | .0731 | 689 | 1 | 100.0 | 30 |
| 23/10/18 | 7:30p | 75 | 17.7 | 22.9 | 14.41 | .0732 | 697 | 1 | 100.0 | 30 |
| 23/10/18 | 8:00p | 75 | 17.6 | 22.8 | 14.41 | .0733 | 702 | 1 | 100.0 | 30 |
| 23/10/18 | 8:30p | 75 | 17.5 | 22.7 | 14.41 | .0733 | 690 | 1 | 100.0 | 30 |
| 23/10/18 | 9:00p | 76 | 17.6 | 22.6 | 14.72 | .0733 | 702 | 1 | 100.0 | 30 |
| 23/10/18 | 9:30p | 76 | 17.5 | 22.5 | 14.72 | .0734 | 698 | 1 | 100.0 | 30 |
| 23/10/18 | 10:00p | 76 | 17.4 | 22.4 | 14.72 | .0734 | 695 | 1 | 100.0 | 30 |
| 23/10/18 | 10:30p | 76 | 17.3 | 22.2 | 14.73 | .0735 | 699 | 1 | 100.0 | 30 |
| 23/10/18 | 11:00p | 76 | 17.2 | 22.1 | 14.73 | .0735 | 703 | 1 | 100.0 | 30 |
| 23/10/18 | 11:30p | 76 | 17.1 | 22.1 | 14.73 | .0735 | 700 | 1 | 100.0 | 30 |
| 24/10/18 | 12:00a | 76 | 17.1 | 21.9 | 14.74 | .0735 | 695 | 1 | 100.0 | 30 |