

1 14/07/18

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 14/07/18 | 12:30a | 17.3 | 17.4 | 17.3 | 94 | 16.3 | 1.6 | NNE | 0.80 | 8.0 | NE | 17.3 | 17.7 | 17.7 | 1015.4 | 0.00 | 0.0 | 0.022 | 0.000 | 21.8 |
| 14/07/18 | 1:00a | 17.2 | 17.3 | 17.2 | 94 | 16.2 | 0.0 | NNE | 0.00 | 6.4 | N | 17.2 | 17.7 | 17.7 | 1015.2 | 0.00 | 0.0 | 0.023 | 0.000 | 21.8 |
| 14/07/18 | 1:30a | 17.2 | 17.2 | 17.2 | 94 | 16.2 | 1.6 | NNE | 0.80 | 11.3 | N | 17.2 | 17.6 | 17.6 | 1014.7 | 0.00 | 0.0 | 0.024 | 0.000 | 21.8 |
| 14/07/18 | 2:00a | 16.9 | 17.2 | 16.9 | 94 | 16.0 | 0.0 | NNE | 0.00 | 11.3 | NNE | 16.9 | 17.3 | 17.3 | 1014.4 | 0.00 | 0.0 | 0.029 | 0.000 | 21.7 |
| 14/07/18 | 2:30a | 16.8 | 16.9 | 16.8 | 95 | 16.0 | 1.6 | NE | 0.80 | 8.0 | ENE | 16.8 | 17.2 | 17.2 | 1014.3 | 0.00 | 0.0 | 0.032 | 0.000 | 21.6 |
| 14/07/18 | 3:00a | 16.7 | 16.8 | 16.6 | 95 | 15.9 | 1.6 | NE | 0.80 | 9.7 | ENE | 16.7 | 17.1 | 17.1 | 1014.3 | 0.00 | 0.0 | 0.035 | 0.000 | 21.6 |
| 14/07/18 | 3:30a | 16.5 | 16.7 | 16.5 | 95 | 15.7 | 0.0 | WSW | 0.00 | 8.0 | SSW | 16.5 | 16.8 | 16.8 | 1014.5 | 0.00 | 0.0 | 0.038 | 0.000 | 21.6 |
| 14/07/18 | 4:00a | 16.3 | 16.6 | 16.3 | 95 | 15.5 | 0.0 | W | 0.00 | 8.0 | N | 16.3 | 16.7 | 16.7 | 1014.2 | 0.00 | 0.0 | 0.042 | 0.000 | 21.5 |
| 14/07/18 | 4:30a | 16.1 | 16.3 | 16.1 | 96 | 15.4 | 0.0 | WSW | 0.00 | 4.8 | NNE | 16.1 | 16.3 | 16.3 | 1014.4 | 0.00 | 0.0 | 0.047 | 0.000 | 21.4 |
| 14/07/18 | 5:00a | 16.2 | 16.2 | 16.1 | 95 | 15.4 | 1.6 | W | 0.80 | 11.3 | NNE | 16.2 | 16.5 | 16.5 | 1014.3 | 0.00 | 0.0 | 0.044 | 0.000 | 21.3 |
| 14/07/18 | 5:30a | 16.1 | 16.2 | 16.1 | 95 | 15.3 | 1.6 | NNE | 0.80 | 8.0 | NNE | 16.1 | 16.3 | 16.3 | 1014.5 | 0.00 | 0.0 | 0.047 | 0.000 | 21.3 |
| 14/07/18 | 6:00a | 15.8 | 16.1 | 15.8 | 95 | 15.0 | 1.6 | W | 0.80 | 9.7 | NNE | 15.8 | 16.1 | 16.1 | 1014.6 | 0.00 | 0.0 | 0.052 | 0.000 | 21.2 |
| 14/07/18 | 6:30a | 15.9 | 15.9 | 15.7 | 95 | 15.1 | 1.6 | NNE | 0.80 | 8.0 | N | 15.9 | 16.2 | 16.2 | 1015.0 | 0.00 | 0.0 | 0.051 | 0.000 | 21.3 |
| 14/07/18 | 7:00a | 16.6 | 16.6 | 15.9 | 92 | 15.3 | 0.0 | NE | 0.00 | 6.4 | NNE | 16.6 | 16.9 | 16.9 | 1015.4 | 0.00 | 0.0 | 0.037 | 0.000 | 21.4 |
| 14/07/18 | 7:30a | 17.8 | 17.8 | 16.6 | 88 | 15.8 | 1.6 | NNE | 0.80 | 9.7 | NNE | 17.8 | 18.2 | 18.2 | 1015.2 | 0.00 | 0.0 | 0.012 | 0.000 | 22.2 |
| 14/07/18 | 8:00a | 19.2 | 19.2 | 17.8 | 81 | 15.8 | 1.6 | W | 0.80 | 14.5 | N | 19.2 | 19.7 | 19.7 | 1015.0 | 0.00 | 0.0 | 0.000 | 0.017 | 22.9 |
| 14/07/18 | 8:30a | 20.0 | 20.1 | 19.2 | 75 | 15.4 | 3.2 | W | 1.61 | 16.1 | NNE | 20.0 | 20.5 | 20.5 | 1015.1 | 0.00 | 0.0 | 0.000 | 0.035 | 23.3 |
| 14/07/18 | 9:00a | 20.9 | 20.9 | 20.1 | 73 | 15.9 | 3.2 | WSW | 1.61 | 17.7 | SW | 20.9 | 21.2 | 21.2 | 1014.9 | 0.00 | 0.0 | 0.000 | 0.053 | 23.4 |
| 14/07/18 | 9:30a | 21.4 | 21.4 | 20.9 | 68 | 15.2 | 3.2 | W | 1.61 | 17.7 | NE | 21.4 | 21.4 | 21.4 | 1015.1 | 0.00 | 0.0 | 0.000 | 0.064 | 23.5 |
| 14/07/18 | 10:00a | 22.2 | 22.2 | 21.3 | 68 | 16.0 | 3.2 | NNE | 1.61 | 17.7 | NNE | 22.2 | 22.4 | 22.4 | 1015.3 | 0.00 | 0.0 | 0.000 | 0.080 | 23.6 |
| 14/07/18 | 10:30a | 22.3 | 22.3 | 21.7 | 67 | 15.9 | 3.2 | W | 1.61 | 17.7 | ENE | 22.3 | 22.6 | 22.6 | 1015.6 | 0.00 | 0.0 | 0.000 | 0.082 | 23.6 |
| 14/07/18 | 11:00a | 22.7 | 22.8 | 22.3 | 65 | 15.7 | 3.2 | WSW | 1.61 | 16.1 | NNE | 22.7 | 23.0 | 23.0 | 1015.4 | 0.00 | 0.0 | 0.000 | 0.090 | 23.6 |
| 14/07/18 | 11:30a | 23.2 | 23.2 | 22.7 | 66 | 16.5 | 3.2 | W | 1.61 | 19.3 | NNE | 23.2 | 23.8 | 23.8 | 1015.0 | 0.00 | 0.0 | 0.000 | 0.101 | 23.7 |
| 14/07/18 | 12:00p | 23.2 | 23.2 | 22.8 | 65 | 16.3 | 3.2 | W | 1.61 | 16.1 | N | 23.2 | 23.8 | 23.8 | 1014.5 | 0.00 | 0.0 | 0.000 | 0.102 | 23.7 |
| 14/07/18 | 12:30p | 23.6 | 23.7 | 23.2 | 62 | 15.8 | 3.2 | SW | 1.61 | 16.1 | NE | 23.6 | 24.1 | 24.1 | 1014.3 | 0.00 | 0.0 | 0.000 | 0.109 | 23.7 |
| 14/07/18 | 1:00p | 24.2 | 24.2 | 23.5 | 61 | 16.2 | 3.2 | W | 1.61 | 19.3 | E | 24.2 | 24.7 | 24.7 | 1013.9 | 0.00 | 0.0 | 0.000 | 0.122 | 23.7 |
| 14/07/18 | 1:30p | 24.3 | 24.6 | 24.2 | 62 | 16.6 | 3.2 | NNE | 1.61 | 14.5 | N | 24.3 | 24.8 | 24.8 | 1013.6 | 0.00 | 0.0 | 0.000 | 0.125 | 23.8 |
| 14/07/18 | 2:00p | 24.2 | 24.5 | 24.2 | 62 | 16.4 | 3.2 | WSW | 1.61 | 20.9 | N | 24.2 | 24.7 | 24.7 | 1013.4 | 0.00 | 0.0 | 0.000 | 0.122 | 23.8 |
| 14/07/18 | 2:30p | 24.3 | 24.7 | 24.2 | 61 | 16.3 | 3.2 | W | 1.61 | 17.7 | NNE | 24.3 | 24.8 | 24.8 | 1013.0 | 0.00 | 0.0 | 0.000 | 0.125 | 23.8 |
| 14/07/18 | 3:00p | 24.2 | 24.7 | 24.2 | 63 | 16.7 | 3.2 | W | 1.61 | 17.7 | NNE | 24.2 | 24.8 | 24.8 | 1012.7 | 0.00 | 0.0 | 0.000 | 0.123 | 23.8 |
| 14/07/18 | 3:30p | 24.1 | 24.4 | 23.9 | 62 | 16.4 | 3.2 | SW | 1.61 | 16.1 | N | 24.1 | 24.7 | 24.7 | 1012.3 | 0.00 | 0.0 | 0.000 | 0.120 | 23.7 |
| 14/07/18 | 4:00p | 24.4 | 24.4 | 24.0 | 63 | 16.9 | 3.2 | W | 1.61 | 11.3 | NW | 24.4 | 25.0 | 25.0 | 1012.4 | 0.00 | 0.0 | 0.000 | 0.127 | 23.7 |
| 14/07/18 | 4:30p | 23.8 | 24.5 | 23.8 | 63 | 16.3 | 1.6 | WSW | 0.80 | 14.5 | N | 23.8 | 24.4 | 24.4 | 1012.1 | 0.00 | 0.0 | 0.000 | 0.113 | 23.7 |
| 14/07/18 | 5:00p | 22.8 | 24.0 | 22.8 | 66 | 16.1 | 1.6 | W | 0.80 | 14.5 | NNE | 22.8 | 23.2 | 23.2 | 1012.6 | 0.00 | 0.0 | 0.000 | 0.093 | 23.7 |
| 14/07/18 | 5:30p | 21.7 | 22.8 | 21.7 | 69 | 15.8 | 1.6 | W | 0.80 | 9.7 | NNW | 21.7 | 21.9 | 21.9 | 1012.7 | 0.00 | 0.0 | 0.000 | 0.071 | 23.5 |
| 14/07/18 | 6:00p | 20.9 | 21.7 | 20.9 | 74 | 16.1 | 1.6 | W | 0.80 | 12.9 | N | 20.9 | 21.3 | 21.3 | 1013.1 | 0.00 | 0.0 | 0.000 | 0.053 | 23.3 |
| 14/07/18 | 6:30p | 19.6 | 20.9 | 19.6 | 77 | 15.4 | 1.6 | WSW | 0.80 | 17.7 | NNE | 19.6 | 20.1 | 20.1 | 1013.4 | 0.00 | 0.0 | 0.000 | 0.025 | 23.1 |
| 14/07/18 | 7:00p | 19.0 | 19.6 | 19.0 | 79 | 15.3 | 1.6 | WSW | 0.80 | 14.5 | NNE | 19.0 | 19.5 | 19.5 | 1013.9 | 0.00 | 0.0 | 0.000 | 0.014 | 22.9 |
| 14/07/18 | 7:30p | 18.6 | 19.0 | 18.6 | 82 | 15.5 | 1.6 | NNE | 0.80 | 11.3 | N | 18.6 | 19.1 | 19.1 | 1014.1 | 0.00 | 0.0 | 0.000 | 0.006 | 22.7 |
| 14/07/18 | 8:00p | 18.2 | 18.6 | 18.2 | 85 | 15.6 | 0.0 | NNE | 0.00 | 11.3 | NNE | 18.2 | 18.6 | 18.6 | 1014.5 | 0.00 | 0.0 | 0.003 | 0.000 | 22.6 |
| 14/07/18 | 8:30p | 18.3 | 18.3 | 18.1 | 86 | 15.9 | 1.6 | NNE | 0.80 | 11.3 | NNE | 18.3 | 18.7 | 18.7 | 1014.9 | 0.00 | 0.0 | 0.001 | 0.000 | 22.5 |
| 14/07/18 | 9:00p | 18.2 | 18.3 | 18.2 | 88 | 16.1 | 0.0 | NNE | 0.00 | 8.0 | SW | 18.2 | 18.7 | 18.7 | 1014.9 | 0.00 | 0.0 | 0.003 | 0.000 | 22.4 |
| 14/07/18 | 9:30p | 18.1 | 18.2 | 18.1 | 90 | 16.4 | 0.0 | WSW | 0.00 | 6.4 | NNE | 18.1 | 18.6 | 18.6 | 1015.3 | 0.00 | 0.0 | 0.006 | 0.000 | 22.3 |
| 14/07/18 | 10:00p | 17.9 | 18.1 | 17.9 | 91 | 16.4 | 0.0 | NNE | 0.00 | 8.0 | N | 17.9 | 18.4 | 18.4 | 1015.6 | 0.00 | 0.0 | 0.009 | 0.000 | 22.2 |
| 14/07/18 | 10:30p | 17.5 | 17.9 | 17.5 | 93 | 16.4 | 0.0 | W | 0.00 | 9.7 | N | 17.5 | 17.9 | 17.9 | 1016.0 | 0.00 | 0.0 | 0.017 | 0.000 | 22.1 |
| 14/07/18 | 11:00p | 17.4 | 17.5 | 17.4 | 93 | 16.2 | 1.6 | WSW | 0.80 | 6.4 | E | 17.4 | 17.8 | 17.8 | 1015.7 | 0.00 | 0.0 | 0.020 | 0.000 | 22.1 |
| 14/07/18 | 11:30p | 17.3 | 17.4 | 17.3 | 93 | 16.1 | 1.6 | NNE | 0.80 | 9.7 | NNE | 17.3 | 17.7 | 17.7 | 1015.7 | 0.00 | 0.0 | 0.022 | 0.000 | 22.0 |
| 15/07/18 | 12:00a | 17.2 | 17.3 | 17.2 | 93 | 16.0 | 1.6 | NNE | 0.80 | 9.7 | NNE | 17.2 | 17.6 | 17.6 | 1015.3 | 0.00 | 0.0 | 0.024 | 0.000 | 21.9 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 14/07/18 | 12:30a | 73 | 16.8 | 22.2 | 13.90 | .0735 | 703 | 1 | 100.0 | 30 |
| 14/07/18 | 1:00a | 74 | 17.0 | 22.3 | 14.20 | .0735 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 1:30a | 74 | 16.9 | 22.2 | 14.20 | .0734 | 696 | 1 | 100.0 | 30 |
| 14/07/18 | 2:00a | 74 | 16.9 | 22.1 | 14.21 | .0734 | 699 | 1 | 100.0 | 30 |
| 14/07/18 | 2:30a | 74 | 16.8 | 22.0 | 14.21 | .0735 | 703 | 1 | 100.0 | 30 |
| 14/07/18 | 3:00a | 74 | 16.7 | 21.9 | 14.22 | .0735 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 3:30a | 74 | 16.7 | 21.9 | 14.22 | .0735 | 692 | 1 | 100.0 | 30 |
| 14/07/18 | 4:00a | 74 | 16.7 | 21.9 | 14.22 | .0735 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 4:30a | 74 | 16.6 | 21.7 | 14.23 | .0735 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 5:00a | 74 | 16.5 | 21.7 | 14.23 | .0736 | 694 | 1 | 100.0 | 30 |
| 14/07/18 | 5:30a | 75 | 16.7 | 21.7 | 14.44 | .0736 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 6:00a | 75 | 16.6 | 21.6 | 14.45 | .0736 | 703 | 1 | 100.0 | 30 |
| 14/07/18 | 6:30a | 74 | 16.5 | 21.6 | 14.24 | .0736 | 693 | 1 | 100.0 | 30 |
| 14/07/18 | 7:00a | 74 | 16.6 | 21.7 | 14.23 | .0736 | 701 | 1 | 100.0 | 30 |
| 14/07/18 | 7:30a | 72 | 16.9 | 22.6 | 13.67 | .0734 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 8:00a | 70 | 17.1 | 23.6 | 13.02 | .0732 | 701 | 1 | 100.0 | 30 |
| 14/07/18 | 8:30a | 69 | 17.3 | 24.1 | 12.77 | .0731 | 691 | 1 | 100.0 | 30 |
| 14/07/18 | 9:00a | 68 | 17.2 | 24.3 | 12.55 | .0730 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 9:30a | 67 | 17.0 | 24.3 | 12.26 | .0730 | 703 | 1 | 100.0 | 30 |
| 14/07/18 | 10:00a | 67 | 17.1 | 24.3 | 12.26 | .0730 | 701 | 1 | 100.0 | 30 |
| 14/07/18 | 10:30a | 66 | 16.8 | 24.3 | 12.06 | .0731 | 693 | 1 | 100.0 | 30 |
| 14/07/18 | 11:00a | 66 | 16.9 | 24.3 | 12.06 | .0730 | 701 | 1 | 100.0 | 30 |
| 14/07/18 | 11:30a | 66 | 17.0 | 24.5 | 12.06 | .0730 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 12:00p | 66 | 16.9 | 24.4 | 12.06 | .0730 | 698 | 1 | 100.0 | 30 |
| 14/07/18 | 12:30p | 66 | 17.0 | 24.5 | 12.06 | .0729 | 696 | 1 | 100.0 | 30 |
| 14/07/18 | 1:00p | 65 | 16.7 | 24.4 | 11.85 | .0729 | 703 | 1 | 100.0 | 30 |
| 14/07/18 | 1:30p | 65 | 16.8 | 24.5 | 11.85 | .0729 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 2:00p | 65 | 16.8 | 24.5 | 11.85 | .0729 | 694 | 1 | 100.0 | 30 |
| 14/07/18 | 2:30p | 65 | 16.8 | 24.5 | 11.85 | .0728 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 3:00p | 66 | 17.0 | 24.6 | 12.05 | .0728 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 3:30p | 66 | 17.0 | 24.5 | 12.06 | .0728 | 700 | 1 | 100.0 | 30 |
| 14/07/18 | 4:00p | 66 | 17.0 | 24.5 | 12.06 | .0728 | 694 | 1 | 100.0 | 30 |
| 14/07/18 | 4:30p | 66 | 16.9 | 24.4 | 12.06 | .0728 | 703 | 1 | 100.0 | 30 |
| 14/07/18 | 5:00p | 66 | 16.9 | 24.4 | 12.06 | .0728 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 5:30p | 66 | 16.8 | 24.2 | 12.06 | .0729 | 700 | 1 | 100.0 | 30 |
| 14/07/18 | 6:00p | 67 | 16.9 | 24.1 | 12.27 | .0729 | 694 | 1 | 100.0 | 30 |
| 14/07/18 | 6:30p | 67 | 16.6 | 23.8 | 12.28 | .0730 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 7:00p | 68 | 16.7 | 23.6 | 12.55 | .0731 | 703 | 1 | 100.0 | 30 |
| 14/07/18 | 7:30p | 68 | 16.5 | 23.2 | 12.55 | .0732 | 695 | 1 | 100.0 | 30 |
| 14/07/18 | 8:00p | 69 | 16.6 | 23.1 | 12.80 | .0732 | 700 | 1 | 100.0 | 30 |
| 14/07/18 | 8:30p | 69 | 16.5 | 22.9 | 12.80 | .0733 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 9:00p | 70 | 16.6 | 22.8 | 13.06 | .0733 | 703 | 1 | 100.0 | 30 |
| 14/07/18 | 9:30p | 70 | 16.6 | 22.8 | 13.06 | .0734 | 692 | 1 | 100.0 | 30 |
| 14/07/18 | 10:00p | 71 | 16.7 | 22.7 | 13.37 | .0734 | 703 | 1 | 100.0 | 30 |
| 14/07/18 | 10:30p | 71 | 16.6 | 22.5 | 13.38 | .0735 | 702 | 1 | 100.0 | 30 |
| 14/07/18 | 11:00p | 72 | 16.8 | 22.4 | 13.68 | .0735 | 695 | 1 | 100.0 | 30 |
| 14/07/18 | 11:30p | 72 | 16.7 | 22.4 | 13.69 | .0735 | 700 | 1 | 100.0 | 30 |
| 15/07/18 | 12:00a | 72 | 16.6 | 22.3 | 13.69 | .0735 | 702 | 1 | 100.0 | 30 |