

1 17/07/19

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 17/07/19 | 12:30a | 18.0 | 18.1 | 18.0 | 89 | 16.2 | 0.0 | NE | 0.00 | 6.4 | SW | 18.0 | 18.4 | 18.4 | 1014.7 | 0.00 | 0.0 | 0.007 | 0.000 | 22.6 |
| 17/07/19 | 1:00a | 17.8 | 18.0 | 17.8 | 87 | 15.6 | 0.0 | N | 0.00 | 6.4 | N | 17.8 | 18.2 | 18.2 | 1014.3 | 0.00 | 0.0 | 0.012 | 0.000 | 22.6 |
| 17/07/19 | 1:30a | 17.6 | 17.8 | 17.6 | 86 | 15.2 | 0.0 | NNE | 0.00 | 6.4 | W | 17.6 | 17.9 | 17.9 | 1014.1 | 0.00 | 0.0 | 0.015 | 0.000 | 22.5 |
| 17/07/19 | 2:00a | 17.6 | 17.6 | 17.5 | 84 | 14.8 | 0.0 | NNE | 0.00 | 4.8 | NNE | 17.6 | 17.8 | 17.8 | 1014.0 | 0.00 | 0.0 | 0.016 | 0.000 | 22.4 |
| 17/07/19 | 2:30a | 17.5 | 17.6 | 17.4 | 85 | 14.9 | 0.0 | N | 0.00 | 4.8 | W | 17.5 | 17.8 | 17.8 | 1013.8 | 0.00 | 0.0 | 0.017 | 0.000 | 22.4 |
| 17/07/19 | 3:00a | 17.4 | 17.5 | 17.4 | 84 | 14.7 | 0.0 | NNE | 0.00 | 3.2 | WSW | 17.4 | 17.7 | 17.7 | 1013.5 | 0.00 | 0.0 | 0.020 | 0.000 | 22.3 |
| 17/07/19 | 3:30a | 17.3 | 17.4 | 17.3 | 83 | 14.4 | 0.0 | NNE | 0.00 | 6.4 | S | 17.3 | 17.6 | 17.6 | 1013.0 | 0.00 | 0.0 | 0.021 | 0.000 | 22.3 |
| 17/07/19 | 4:00a | 17.3 | 17.3 | 17.2 | 81 | 14.0 | 1.6 | N | 0.80 | 6.4 | N | 17.3 | 17.5 | 17.5 | 1012.8 | 0.00 | 0.0 | 0.022 | 0.000 | 22.2 |
| 17/07/19 | 4:30a | 17.1 | 17.3 | 17.1 | 78 | 13.2 | 0.0 | NNE | 0.00 | 4.8 | N | 17.1 | 17.1 | 17.1 | 1012.7 | 0.00 | 0.0 | 0.027 | 0.000 | 22.1 |
| 17/07/19 | 5:00a | 17.1 | 17.1 | 17.1 | 76 | 12.8 | 0.0 | NNE | 0.00 | 4.8 | WSW | 17.1 | 17.1 | 17.1 | 1013.1 | 1.02 | 22.1 | 0.027 | 0.000 | 22.1 |
| 17/07/19 | 5:30a | 16.9 | 17.1 | 16.9 | 75 | 12.5 | 0.0 | N | 0.00 | 3.2 | ENE | 16.9 | 16.8 | 16.8 | 1013.4 | 0.00 | 0.0 | 0.029 | 0.000 | 22.1 |
| 17/07/19 | 6:00a | 16.9 | 16.9 | 16.9 | 73 | 12.1 | 0.0 | NNE | 0.00 | 6.4 | NNE | 16.9 | 16.8 | 16.8 | 1013.7 | 0.00 | 0.0 | 0.029 | 0.000 | 22.1 |
| 17/07/19 | 6:30a | 17.0 | 17.1 | 16.9 | 71 | 11.7 | 0.0 | N | 0.00 | 1.6 | WNW | 17.0 | 16.8 | 16.8 | 1013.9 | 0.00 | 0.0 | 0.028 | 0.000 | 22.1 |
| 17/07/19 | 7:00a | 17.1 | 17.1 | 17.0 | 71 | 11.8 | 0.0 | N | 0.00 | 8.0 | W | 17.1 | 16.9 | 16.9 | 1014.1 | 0.25 | 0.0 | 0.027 | 0.000 | 22.1 |
| 17/07/19 | 7:30a | 17.2 | 17.2 | 17.0 | 71 | 11.9 | 0.0 | WSW | 0.00 | 6.4 | N | 17.2 | 17.1 | 17.1 | 1014.5 | 0.00 | 0.0 | 0.023 | 0.000 | 22.1 |
| 17/07/19 | 8:00a | 18.0 | 18.0 | 17.2 | 86 | 15.6 | 1.6 | N | 0.80 | 8.0 | N | 18.0 | 18.4 | 18.4 | 1014.5 | 0.00 | 0.0 | 0.007 | 0.000 | 22.4 |
| 17/07/19 | 8:30a | 18.9 | 18.9 | 18.0 | 92 | 17.6 | 1.6 | NNE | 0.80 | 6.4 | N | 18.9 | 19.7 | 19.7 | 1014.6 | 0.00 | 0.0 | 0.000 | 0.013 | 22.7 |
| 17/07/19 | 9:00a | 20.0 | 20.1 | 18.9 | 89 | 18.1 | 1.6 | NNE | 0.80 | 9.7 | NNE | 20.0 | 20.9 | 20.9 | 1014.2 | 0.00 | 0.0 | 0.000 | 0.035 | 23.0 |
| 17/07/19 | 9:30a | 20.9 | 20.9 | 20.0 | 82 | 17.8 | 1.6 | WSW | 0.80 | 12.9 | N | 20.9 | 21.7 | 21.7 | 1014.0 | 0.00 | 0.0 | 0.000 | 0.054 | 23.3 |
| 17/07/19 | 10:00a | 21.7 | 21.7 | 20.9 | 79 | 17.9 | 3.2 | N | 1.61 | 12.9 | N | 21.7 | 22.4 | 22.4 | 1014.2 | 0.00 | 0.0 | 0.000 | 0.071 | 23.6 |
| 17/07/19 | 10:30a | 21.9 | 21.9 | 21.4 | 79 | 18.1 | 1.6 | N | 0.80 | 17.7 | NNE | 21.9 | 22.7 | 22.7 | 1014.3 | 0.00 | 0.0 | 0.000 | 0.075 | 23.7 |
| 17/07/19 | 11:00a | 22.9 | 22.9 | 21.9 | 77 | 18.6 | 3.2 | NNE | 1.61 | 16.1 | N | 22.9 | 23.8 | 23.8 | 1014.1 | 0.00 | 0.0 | 0.000 | 0.095 | 24.0 |
| 17/07/19 | 11:30a | 22.2 | 22.9 | 22.2 | 76 | 17.7 | 3.2 | NNE | 1.61 | 17.7 | ESE | 22.2 | 22.8 | 22.8 | 1013.7 | 0.00 | 0.0 | 0.000 | 0.080 | 24.1 |
| 17/07/19 | 12:00p | 23.2 | 23.6 | 22.2 | 74 | 18.3 | 3.2 | NNE | 1.61 | 14.5 | N | 23.2 | 24.2 | 24.2 | 1013.3 | 0.00 | 0.0 | 0.000 | 0.102 | 24.3 |
| 17/07/19 | 12:30p | 24.1 | 24.2 | 23.2 | 72 | 18.7 | 1.6 | W | 0.80 | 12.9 | SW | 24.1 | 25.2 | 25.2 | 1013.0 | 0.00 | 0.0 | 0.000 | 0.120 | 24.3 |
| 17/07/19 | 1:00p | 25.1 | 25.1 | 24.1 | 68 | 18.7 | 1.6 | W | 0.80 | 12.9 | N | 25.1 | 26.0 | 26.0 | 1012.6 | 0.00 | 0.0 | 0.000 | 0.140 | 24.4 |
| 17/07/19 | 1:30p | 23.9 | 25.1 | 23.9 | 69 | 17.9 | 1.6 | NNE | 0.80 | 11.3 | ENE | 23.9 | 24.8 | 24.8 | 1012.2 | 0.00 | 0.0 | 0.000 | 0.116 | 24.6 |
| 17/07/19 | 2:00p | 25.4 | 25.4 | 23.9 | 65 | 18.3 | 1.6 | N | 0.80 | 16.1 | N | 25.4 | 26.2 | 26.2 | 1011.5 | 0.00 | 0.0 | 0.000 | 0.147 | 24.7 |
| 17/07/19 | 2:30p | 25.2 | 25.4 | 25.0 | 66 | 18.4 | 3.2 | WNW | 1.61 | 11.3 | W | 25.2 | 26.1 | 26.1 | 1011.2 | 0.00 | 0.0 | 0.000 | 0.144 | 24.7 |
| 17/07/19 | 3:00p | 25.3 | 25.4 | 24.9 | 62 | 17.5 | 1.6 | W | 0.80 | 12.9 | WNW | 25.3 | 25.9 | 25.9 | 1010.7 | 0.00 | 0.0 | 0.000 | 0.145 | 24.8 |
| 17/07/19 | 3:30p | 25.1 | 25.3 | 24.7 | 66 | 18.3 | 3.2 | WSW | 1.61 | 14.5 | ENE | 25.1 | 25.8 | 25.8 | 1010.2 | 0.00 | 0.0 | 0.000 | 0.140 | 24.8 |
| 17/07/19 | 4:00p | 25.1 | 25.6 | 25.1 | 65 | 18.1 | 1.6 | NNE | 0.80 | 14.5 | N | 25.1 | 25.8 | 25.8 | 1009.9 | 0.00 | 0.0 | 0.000 | 0.141 | 24.9 |
| 17/07/19 | 4:30p | 24.9 | 25.3 | 24.8 | 65 | 17.9 | 1.6 | WSW | 0.80 | 11.3 | NNW | 24.9 | 25.7 | 25.7 | 1009.8 | 0.00 | 0.0 | 0.000 | 0.138 | 24.9 |
| 17/07/19 | 5:00p | 24.6 | 24.9 | 24.6 | 66 | 17.8 | 1.6 | WSW | 0.80 | 9.7 | NE | 24.6 | 25.3 | 25.3 | 1009.9 | 0.00 | 0.0 | 0.000 | 0.130 | 24.8 |
| 17/07/19 | 5:30p | 23.7 | 24.6 | 23.7 | 66 | 17.0 | 1.6 | W | 0.80 | 11.3 | N | 23.7 | 24.5 | 24.5 | 1010.1 | 0.00 | 0.0 | 0.000 | 0.112 | 24.8 |
| 17/07/19 | 6:00p | 23.3 | 23.9 | 23.3 | 70 | 17.6 | 1.6 | WSW | 0.80 | 11.3 | NNE | 23.3 | 24.2 | 24.2 | 1009.8 | 0.00 | 0.0 | 0.000 | 0.104 | 24.7 |
| 17/07/19 | 6:30p | 21.8 | 23.3 | 21.8 | 76 | 17.4 | 1.6 | NNE | 0.80 | 9.7 | N | 21.8 | 22.4 | 22.4 | 1010.6 | 0.00 | 0.0 | 0.000 | 0.073 | 24.5 |
| 17/07/19 | 7:00p | 20.9 | 21.8 | 20.9 | 80 | 17.3 | 1.6 | WNW | 0.80 | 11.3 | N | 20.9 | 21.6 | 21.6 | 1010.7 | 0.00 | 0.0 | 0.000 | 0.053 | 24.3 |
| 17/07/19 | 7:30p | 20.2 | 20.9 | 20.2 | 87 | 17.9 | 1.6 | W | 0.80 | 11.3 | N | 20.2 | 21.1 | 21.1 | 1011.0 | 0.00 | 0.0 | 0.000 | 0.038 | 24.1 |
| 17/07/19 | 8:00p | 19.7 | 20.2 | 19.7 | 90 | 18.0 | 0.0 | NE | 0.00 | 6.4 | NE | 19.7 | 20.6 | 20.6 | 1011.7 | 0.00 | 0.0 | 0.000 | 0.028 | 23.8 |
| 17/07/19 | 8:30p | 19.4 | 19.7 | 19.4 | 91 | 17.9 | 0.0 | W | 0.00 | 6.4 | W | 19.4 | 20.2 | 20.2 | 1012.0 | 0.00 | 0.0 | 0.000 | 0.022 | 23.7 |
| 17/07/19 | 9:00p | 19.2 | 19.4 | 19.2 | 91 | 17.7 | 0.0 | WNW | 0.00 | 11.3 | ENE | 19.2 | 20.0 | 20.0 | 1012.3 | 0.00 | 0.0 | 0.000 | 0.019 | 23.5 |
| 17/07/19 | 9:30p | 18.9 | 19.3 | 18.9 | 91 | 17.4 | 0.0 | NNE | 0.00 | 6.4 | WNW | 18.9 | 19.7 | 19.7 | 1012.4 | 0.00 | 0.0 | 0.000 | 0.013 | 23.4 |
| 17/07/19 | 10:00p | 18.7 | 18.9 | 18.7 | 91 | 17.2 | 0.0 | N | 0.00 | 6.4 | N | 18.7 | 19.4 | 19.4 | 1013.0 | 0.00 | 0.0 | 0.000 | 0.008 | 23.3 |
| 17/07/19 | 10:30p | 18.8 | 18.8 | 18.7 | 91 | 17.3 | 0.0 | N | 0.00 | 4.8 | N | 18.8 | 19.5 | 19.5 | 1013.0 | 0.00 | 0.0 | 0.000 | 0.009 | 23.2 |
| 17/07/19 | 11:00p | 18.4 | 18.8 | 18.4 | 90 | 16.7 | 0.0 | N | 0.00 | 8.0 | ENE | 18.4 | 18.9 | 18.9 | 1013.2 | 0.00 | 0.0 | 0.000 | 0.001 | 23.1 |
| 17/07/19 | 11:30p | 18.3 | 18.4 | 18.3 | 89 | 16.5 | 0.0 | N | 0.00 | 4.8 | NNE | 18.3 | 18.9 | 18.9 | 1013.4 | 0.00 | 0.0 | 0.000 | 0.000 | 23.0 |
| 18/07/19 | 12:00a | 18.3 | 18.4 | 18.3 | 89 | 16.5 | 0.0 | W | 0.00 | 3.2 | W | 18.3 | 18.9 | 18.9 | 1013.4 | 0.00 | 0.0 | 0.000 | 0.000 | 22.9 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 17/07/19 | 12:30a | 73 | 17.5 | 23.3 | 13.84 | .0732 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 1:00a | 73 | 17.5 | 23.2 | 13.85 | .0732 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 1:30a | 73 | 17.4 | 23.1 | 13.85 | .0732 | 701 | 1 | 100.0 | 30 |
| 17/07/19 | 2:00a | 74 | 17.6 | 23.1 | 14.15 | .0732 | 694 | 1 | 100.0 | 30 |
| 17/07/19 | 2:30a | 74 | 17.5 | 23.0 | 14.16 | .0732 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 3:00a | 74 | 17.5 | 22.9 | 14.16 | .0732 | 703 | 1 | 100.0 | 30 |
| 17/07/19 | 3:30a | 74 | 17.4 | 22.8 | 14.17 | .0732 | 693 | 1 | 100.0 | 30 |
| 17/07/19 | 4:00a | 74 | 17.3 | 22.7 | 14.17 | .0732 | 703 | 1 | 100.0 | 30 |
| 17/07/19 | 4:30a | 75 | 17.5 | 22.7 | 14.41 | .0732 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 5:00a | 75 | 17.5 | 22.7 | 14.41 | .0732 | 699 | 1 | 100.0 | 30 |
| 17/07/19 | 5:30a | 75 | 17.4 | 22.6 | 14.42 | .0732 | 696 | 1 | 100.0 | 30 |
| 17/07/19 | 6:00a | 75 | 17.4 | 22.6 | 14.42 | .0733 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 6:30a | 75 | 17.4 | 22.6 | 14.42 | .0733 | 703 | 1 | 100.0 | 30 |
| 17/07/19 | 7:00a | 75 | 17.4 | 22.6 | 14.42 | .0733 | 692 | 1 | 100.0 | 30 |
| 17/07/19 | 7:30a | 75 | 17.4 | 22.6 | 14.42 | .0733 | 703 | 1 | 100.0 | 30 |
| 17/07/19 | 8:00a | 75 | 17.7 | 23.1 | 14.40 | .0732 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 8:30a | 75 | 18.0 | 23.4 | 14.39 | .0731 | 697 | 1 | 100.0 | 30 |
| 17/07/19 | 9:00a | 74 | 18.1 | 23.9 | 14.11 | .0730 | 696 | 1 | 100.0 | 30 |
| 17/07/19 | 9:30a | 73 | 18.2 | 24.3 | 13.79 | .0729 | 701 | 1 | 100.0 | 30 |
| 17/07/19 | 10:00a | 72 | 18.2 | 24.6 | 13.57 | .0728 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 10:30a | 71 | 18.1 | 24.6 | 13.27 | .0728 | 694 | 1 | 100.0 | 30 |
| 17/07/19 | 11:00a | 71 | 18.4 | 25.0 | 13.24 | .0727 | 697 | 1 | 100.0 | 30 |
| 17/07/19 | 11:30a | 71 | 18.5 | 25.1 | 13.24 | .0727 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 12:00p | 70 | 18.5 | 25.3 | 12.94 | .0726 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 12:30p | 69 | 18.3 | 25.3 | 12.72 | .0726 | 692 | 1 | 100.0 | 30 |
| 17/07/19 | 1:00p | 69 | 18.4 | 25.4 | 12.71 | .0725 | 701 | 1 | 100.0 | 30 |
| 17/07/19 | 1:30p | 69 | 18.5 | 25.5 | 12.70 | .0724 | 703 | 1 | 100.0 | 30 |
| 17/07/19 | 2:00p | 69 | 18.6 | 25.6 | 12.69 | .0723 | 698 | 1 | 100.0 | 30 |
| 17/07/19 | 2:30p | 69 | 18.6 | 25.7 | 12.69 | .0723 | 697 | 1 | 100.0 | 30 |
| 17/07/19 | 3:00p | 68 | 18.5 | 25.7 | 12.49 | .0723 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 3:30p | 68 | 18.5 | 25.7 | 12.48 | .0722 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 4:00p | 68 | 18.6 | 25.8 | 12.48 | .0722 | 693 | 1 | 100.0 | 30 |
| 17/07/19 | 4:30p | 68 | 18.6 | 25.8 | 12.48 | .0722 | 698 | 1 | 100.0 | 30 |
| 17/07/19 | 5:00p | 68 | 18.5 | 25.7 | 12.48 | .0722 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 5:30p | 68 | 18.5 | 25.7 | 12.49 | .0722 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 6:00p | 68 | 18.4 | 25.6 | 12.49 | .0722 | 691 | 1 | 100.0 | 30 |
| 17/07/19 | 6:30p | 68 | 18.2 | 25.4 | 12.51 | .0724 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 7:00p | 69 | 18.2 | 25.2 | 12.72 | .0724 | 703 | 1 | 100.0 | 30 |
| 17/07/19 | 7:30p | 69 | 18.0 | 24.9 | 12.74 | .0725 | 701 | 1 | 100.0 | 30 |
| 17/07/19 | 8:00p | 70 | 18.0 | 24.8 | 12.95 | .0726 | 691 | 1 | 100.0 | 30 |
| 17/07/19 | 8:30p | 71 | 18.1 | 24.6 | 13.27 | .0727 | 703 | 1 | 100.0 | 30 |
| 17/07/19 | 9:00p | 71 | 17.9 | 24.4 | 13.28 | .0727 | 702 | 1 | 100.0 | 30 |
| 17/07/19 | 9:30p | 72 | 18.1 | 24.3 | 13.59 | .0728 | 700 | 1 | 100.0 | 30 |
| 17/07/19 | 10:00p | 73 | 18.2 | 24.2 | 13.79 | .0728 | 695 | 1 | 100.0 | 30 |
| 17/07/19 | 10:30p | 73 | 18.1 | 24.1 | 13.80 | .0729 | 703 | 1 | 100.0 | 30 |
| 17/07/19 | 11:00p | 73 | 18.0 | 24.0 | 13.81 | .0729 | 701 | 1 | 100.0 | 30 |
| 17/07/19 | 11:30p | 73 | 17.9 | 23.8 | 13.81 | .0730 | 692 | 1 | 100.0 | 30 |
| 18/07/19 | 12:00a | 74 | 18.1 | 23.8 | 14.12 | .0730 | 703 | 1 | 100.0 | 30 |