

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 21/07/19 | 12:30a | 18.2 | 18.6 | 18.2 | 92 | 16.9 | 0.0 | N | 0.00 | 3.2 | N | 18.2 | 18.8 | 18.8 | 1012.0 | 0.00 | 0.0 | 0.002 | 0.000 | 22.8 |
| 21/07/19 | 1:00a | 18.3 | 18.3 | 18.2 | 92 | 17.0 | 0.0 | N | 0.00 | 3.2 | N | 18.3 | 18.9 | 18.9 | 1011.9 | 0.00 | 0.0 | 0.001 | 0.000 | 22.7 |
| 21/07/19 | 1:30a | 18.4 | 18.4 | 18.3 | 92 | 17.1 | 0.0 | NE | 0.00 | 4.8 | NE | 18.4 | 19.0 | 19.0 | 1011.5 | 0.00 | 0.0 | 0.000 | 0.001 | 22.7 |
| 21/07/19 | 2:00a | 18.1 | 18.3 | 18.1 | 91 | 16.6 | 0.0 | N | 0.00 | 4.8 | NW | 18.1 | 18.6 | 18.6 | 1010.7 | 0.00 | 0.0 | 0.006 | 0.000 | 22.6 |
| 21/07/19 | 2:30a | 17.8 | 18.1 | 17.8 | 89 | 15.9 | 0.0 | NNE | 0.00 | 8.0 | E | 17.8 | 18.2 | 18.2 | 1010.5 | 0.00 | 0.0 | 0.012 | 0.000 | 22.6 |
| 21/07/19 | 3:00a | 17.7 | 17.8 | 17.6 | 88 | 15.7 | 0.0 | NE | 0.00 | 6.4 | NE | 17.7 | 18.1 | 18.1 | 1010.6 | 0.00 | 0.0 | 0.014 | 0.000 | 22.5 |
| 21/07/19 | 3:30a | 17.7 | 17.7 | 17.6 | 88 | 15.7 | 1.6 | N | 0.80 | 8.0 | NNE | 17.7 | 18.1 | 18.1 | 1010.8 | 0.00 | 0.0 | 0.013 | 0.000 | 22.4 |
| 21/07/19 | 4:00a | 17.9 | 17.9 | 17.7 | 87 | 15.7 | 0.0 | NNE | 0.00 | 6.4 | NW | 17.9 | 18.3 | 18.3 | 1011.3 | 0.00 | 0.0 | 0.009 | 0.000 | 22.4 |
| 21/07/19 | 4:30a | 17.8 | 17.9 | 17.8 | 86 | 15.5 | 0.0 | W | 0.00 | 11.3 | NE | 17.8 | 18.2 | 18.2 | 1011.2 | 0.00 | 0.0 | 0.010 | 0.000 | 22.3 |
| 21/07/19 | 5:00a | 17.8 | 17.8 | 17.8 | 88 | 15.8 | 0.0 | NNE | 0.00 | 4.8 | N | 17.8 | 18.2 | 18.2 | 1011.3 | 0.00 | 0.0 | 0.012 | 0.000 | 22.3 |
| 21/07/19 | 5:30a | 17.7 | 17.8 | 17.7 | 88 | 15.7 | 0.0 | NNE | 0.00 | 4.8 | WNW | 17.7 | 18.1 | 18.1 | 1011.4 | 0.00 | 0.0 | 0.013 | 0.000 | 22.3 |
| 21/07/19 | 6:00a | 17.7 | 17.8 | 17.7 | 88 | 15.7 | 0.0 | N | 0.00 | 6.4 | N | 17.7 | 18.1 | 18.1 | 1011.6 | 0.00 | 0.0 | 0.013 | 0.000 | 22.3 |
| 21/07/19 | 6:30a | 17.7 | 17.8 | 17.7 | 88 | 15.7 | 0.0 | N | 0.00 | 3.2 | WNW | 17.7 | 18.1 | 18.1 | 1011.9 | 0.00 | 0.0 | 0.013 | 0.000 | 22.3 |
| 21/07/19 | 7:00a | 18.1 | 18.1 | 17.7 | 89 | 16.3 | 0.0 | NNE | 0.00 | 9.7 | N | 18.1 | 18.6 | 18.6 | 1012.2 | 0.00 | 0.0 | 0.005 | 0.000 | 22.3 |
| 21/07/19 | 7:30a | 18.4 | 18.4 | 18.1 | 92 | 17.1 | 0.0 | N | 0.00 | 6.4 | NNE | 18.4 | 19.0 | 19.0 | 1012.5 | 0.00 | 0.0 | 0.000 | 0.001 | 22.3 |
| 21/07/19 | 8:00a | 18.9 | 18.9 | 18.4 | 92 | 17.6 | 1.6 | N | 0.80 | 6.4 | N | 18.9 | 19.7 | 19.7 | 1012.8 | 0.00 | 0.0 | 0.000 | 0.013 | 22.4 |
| 21/07/19 | 8:30a | 19.7 | 19.7 | 18.9 | 90 | 18.0 | 1.6 | NNE | 0.80 | 9.7 | N | 19.7 | 20.6 | 20.6 | 1013.1 | 0.00 | 0.0 | 0.000 | 0.029 | 22.6 |
| 21/07/19 | 9:00a | 20.0 | 20.3 | 19.7 | 89 | 18.1 | 1.6 | NNE | 0.80 | 12.9 | W | 20.0 | 20.9 | 20.9 | 1013.0 | 0.00 | 0.0 | 0.000 | 0.035 | 22.8 |
| 21/07/19 | 9:30a | 21.1 | 21.1 | 20.0 | 88 | 19.0 | 1.6 | NNE | 0.80 | 9.7 | NE | 21.1 | 22.1 | 22.1 | 1012.8 | 0.00 | 0.0 | 0.000 | 0.058 | 22.9 |
| 21/07/19 | 10:00a | 21.7 | 21.7 | 21.2 | 82 | 18.5 | 1.6 | NNE | 0.80 | 11.3 | WNW | 21.7 | 22.5 | 22.5 | 1012.6 | 0.00 | 0.0 | 0.000 | 0.069 | 23.2 |
| 21/07/19 | 10:30a | 23.2 | 23.2 | 21.7 | 78 | 19.1 | 3.2 | WNW | 1.61 | 16.1 | NE | 23.2 | 24.2 | 24.2 | 1012.5 | 0.00 | 0.0 | 0.000 | 0.101 | 23.6 |
| 21/07/19 | 11:00a | 24.2 | 24.3 | 23.2 | 71 | 18.6 | 3.2 | NNE | 1.61 | 14.5 | NNW | 24.2 | 25.2 | 25.2 | 1012.1 | 0.00 | 0.0 | 0.000 | 0.122 | 23.9 |
| 21/07/19 | 11:30a | 24.4 | 24.4 | 23.8 | 71 | 18.8 | 3.2 | N | 1.61 | 12.9 | N | 24.4 | 25.5 | 25.5 | 1012.0 | 0.00 | 0.0 | 0.000 | 0.127 | 24.2 |
| 21/07/19 | 12:00p | 24.4 | 24.8 | 24.3 | 69 | 18.3 | 3.2 | WSW | 1.61 | 16.1 | NE | 24.4 | 25.3 | 25.3 | 1011.8 | 0.00 | 0.0 | 0.000 | 0.126 | 24.3 |
| 21/07/19 | 12:30p | 24.7 | 24.8 | 24.4 | 66 | 17.9 | 3.2 | SW | 1.61 | 14.5 | N | 24.7 | 25.4 | 25.4 | 1011.4 | 0.00 | 0.0 | 0.000 | 0.132 | 24.4 |
| 21/07/19 | 1:00p | 24.7 | 25.0 | 24.4 | 64 | 17.4 | 3.2 | NNE | 1.61 | 12.9 | ESE | 24.7 | 25.3 | 25.3 | 1011.0 | 0.00 | 0.0 | 0.000 | 0.132 | 24.5 |
| 21/07/19 | 1:30p | 24.5 | 24.7 | 24.4 | 66 | 17.7 | 1.6 | W | 0.80 | 11.3 | SW | 24.5 | 25.2 | 25.2 | 1010.8 | 0.00 | 0.0 | 0.000 | 0.128 | 24.5 |
| 21/07/19 | 2:00p | 24.1 | 24.6 | 24.1 | 65 | 17.1 | 3.2 | N | 1.61 | 9.7 | WSW | 24.1 | 24.8 | 24.8 | 1010.4 | 0.00 | 0.0 | 0.000 | 0.120 | 24.4 |
| 21/07/19 | 2:30p | 24.1 | 24.2 | 23.9 | 66 | 17.4 | 1.6 | SW | 0.80 | 12.9 | N | 24.1 | 24.9 | 24.9 | 1010.2 | 0.00 | 0.0 | 0.000 | 0.120 | 24.4 |
| 21/07/19 | 3:00p | 24.4 | 24.5 | 24.0 | 63 | 16.9 | 1.6 | NNE | 0.80 | 9.7 | NNE | 24.4 | 25.0 | 25.0 | 1009.8 | 0.00 | 0.0 | 0.000 | 0.127 | 24.4 |
| 21/07/19 | 3:30p | 23.9 | 24.4 | 23.9 | 64 | 16.7 | 1.6 | W | 0.80 | 11.3 | NNE | 23.9 | 24.6 | 24.6 | 1009.8 | 0.00 | 0.0 | 0.000 | 0.116 | 24.4 |
| 21/07/19 | 4:00p | 23.9 | 24.1 | 23.9 | 66 | 17.2 | 1.6 | N | 0.80 | 9.7 | N | 23.9 | 24.7 | 24.7 | 1009.3 | 0.00 | 0.0 | 0.000 | 0.117 | 24.3 |
| 21/07/19 | 4:30p | 24.2 | 24.3 | 23.9 | 66 | 17.5 | 1.6 | NNE | 0.80 | 9.7 | ENE | 24.2 | 24.9 | 24.9 | 1009.3 | 0.00 | 0.0 | 0.000 | 0.123 | 24.3 |
| 21/07/19 | 5:00p | 23.8 | 24.3 | 23.7 | 68 | 17.5 | 1.6 | W | 0.80 | 12.9 | ENE | 23.8 | 24.6 | 24.6 | 1009.6 | 0.00 | 0.0 | 0.000 | 0.113 | 24.2 |
| 21/07/19 | 5:30p | 23.4 | 23.8 | 23.4 | 67 | 17.0 | 1.6 | NNE | 0.80 | 9.7 | N | 23.4 | 24.2 | 24.2 | 1009.6 | 0.00 | 0.0 | 0.000 | 0.106 | 24.2 |
| 21/07/19 | 6:00p | 22.7 | 23.4 | 22.7 | 71 | 17.2 | 1.6 | W | 0.80 | 8.0 | W | 22.7 | 23.3 | 23.3 | 1010.1 | 0.00 | 0.0 | 0.000 | 0.091 | 24.1 |
| 21/07/19 | 6:30p | 21.6 | 22.7 | 21.6 | 75 | 17.0 | 0.0 | W | 0.00 | 8.0 | NNE | 21.6 | 22.1 | 22.1 | 1010.6 | 0.00 | 0.0 | 0.000 | 0.068 | 23.9 |
| 21/07/19 | 7:00p | 20.8 | 21.6 | 20.8 | 79 | 17.1 | 0.0 | N | 0.00 | 6.4 | NNE | 20.8 | 21.5 | 21.5 | 1011.2 | 0.00 | 0.0 | 0.000 | 0.052 | 23.8 |
| 21/07/19 | 7:30p | 20.3 | 20.8 | 20.3 | 82 | 17.1 | 0.0 | NNE | 0.00 | 3.2 | NNE | 20.3 | 21.1 | 21.1 | 1011.3 | 0.00 | 0.0 | 0.000 | 0.041 | 23.6 |
| 21/07/19 | 8:00p | 19.8 | 20.3 | 19.8 | 84 | 17.0 | 0.0 | NE | 0.00 | 3.2 | ENE | 19.8 | 20.6 | 20.6 | 1011.4 | 0.00 | 0.0 | 0.000 | 0.030 | 23.5 |
| 21/07/19 | 8:30p | 19.3 | 19.8 | 19.3 | 87 | 17.1 | 0.0 | N | 0.00 | 3.2 | NNW | 19.3 | 20.1 | 20.1 | 1012.4 | 0.00 | 0.0 | 0.000 | 0.021 | 23.4 |
| 21/07/19 | 9:00p | 19.1 | 19.3 | 19.1 | 89 | 17.2 | 0.0 | N | 0.00 | 6.4 | N | 19.1 | 19.8 | 19.8 | 1012.6 | 0.00 | 0.0 | 0.000 | 0.015 | 23.3 |
| 21/07/19 | 9:30p | 18.4 | 19.1 | 18.4 | 91 | 16.9 | 0.0 | N | 0.00 | 1.6 | N | 18.4 | 19.0 | 19.0 | 1012.9 | 0.00 | 0.0 | 0.000 | 0.001 | 23.2 |
| 21/07/19 | 10:00p | 18.3 | 18.3 | 18.1 | 91 | 16.8 | 0.0 | N | 0.00 | 1.6 | N | 18.3 | 18.8 | 18.8 | 1013.0 | 0.00 | 0.0 | 0.001 | 0.000 | 23.1 |
| 21/07/19 | 10:30p | 18.1 | 18.2 | 18.1 | 92 | 16.8 | 0.0 | W | 0.00 | 1.6 | N | 18.1 | 18.7 | 18.7 | 1013.3 | 0.00 | 0.0 | 0.005 | 0.000 | 23.0 |
| 21/07/19 | 11:00p | 18.4 | 18.4 | 18.1 | 92 | 17.1 | 0.0 | WSW | 0.00 | 3.2 | WSW | 18.4 | 19.1 | 19.1 | 1013.2 | 0.00 | 0.0 | 0.000 | 0.002 | 22.9 |
| 21/07/19 | 11:30p | 18.4 | 18.5 | 18.4 | 92 | 17.1 | 0.0 | NNE | 0.00 | 3.2 | NNE | 18.4 | 19.0 | 19.0 | 1013.0 | 0.00 | 0.0 | 0.000 | 0.001 | 22.8 |
| 22/07/19 | 12:00a | 18.2 | 18.4 | 18.2 | 91 | 16.7 | 0.0 | WNW | 0.00 | 3.2 | WNW | 18.2 | 18.7 | 18.7 | 1012.8 | 0.00 | 0.0 | 0.003 | 0.000 | 22.8 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 21/07/19 | 12:30a | 72 | 17.5 | 23.5 | 13.63 | .0729 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 1:00a | 72 | 17.4 | 23.4 | 13.63 | .0730 | 693 | 1 | 100.0 | 30 |
| 21/07/19 | 1:30a | 72 | 17.4 | 23.3 | 13.64 | .0729 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 2:00a | 73 | 17.5 | 23.3 | 13.84 | .0729 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 2:30a | 73 | 17.5 | 23.2 | 13.85 | .0729 | 692 | 1 | 100.0 | 30 |
| 21/07/19 | 3:00a | 73 | 17.4 | 23.1 | 13.85 | .0729 | 703 | 1 | 100.0 | 30 |
| 21/07/19 | 3:30a | 74 | 17.6 | 23.1 | 14.15 | .0729 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 4:00a | 74 | 17.5 | 23.0 | 14.16 | .0730 | 701 | 1 | 100.0 | 30 |
| 21/07/19 | 4:30a | 74 | 17.5 | 22.9 | 14.16 | .0730 | 694 | 1 | 100.0 | 30 |
| 21/07/19 | 5:00a | 74 | 17.4 | 22.8 | 14.17 | .0730 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 5:30a | 74 | 17.4 | 22.8 | 14.17 | .0730 | 703 | 1 | 100.0 | 30 |
| 21/07/19 | 6:00a | 74 | 17.4 | 22.8 | 14.17 | .0730 | 692 | 1 | 100.0 | 30 |
| 21/07/19 | 6:30a | 74 | 17.4 | 22.8 | 14.17 | .0731 | 703 | 1 | 100.0 | 30 |
| 21/07/19 | 7:00a | 74 | 17.4 | 22.8 | 14.17 | .0731 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 7:30a | 74 | 17.4 | 22.8 | 14.17 | .0731 | 701 | 1 | 100.0 | 30 |
| 21/07/19 | 8:00a | 74 | 17.5 | 23.0 | 14.16 | .0731 | 694 | 1 | 100.0 | 30 |
| 21/07/19 | 8:30a | 74 | 17.7 | 23.3 | 14.14 | .0730 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 9:00a | 73 | 17.7 | 23.5 | 13.83 | .0730 | 703 | 1 | 100.0 | 30 |
| 21/07/19 | 9:30a | 73 | 17.8 | 23.8 | 13.82 | .0729 | 698 | 1 | 100.0 | 30 |
| 21/07/19 | 10:00a | 73 | 18.1 | 24.2 | 13.80 | .0728 | 696 | 1 | 100.0 | 30 |
| 21/07/19 | 10:30a | 72 | 18.2 | 24.6 | 13.57 | .0727 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 11:00a | 71 | 18.4 | 24.9 | 13.25 | .0726 | 703 | 1 | 100.0 | 30 |
| 21/07/19 | 11:30a | 70 | 18.3 | 25.2 | 12.94 | .0725 | 694 | 1 | 100.0 | 30 |
| 21/07/19 | 12:00p | 69 | 18.3 | 25.3 | 12.72 | .0725 | 698 | 1 | 100.0 | 30 |
| 21/07/19 | 12:30p | 69 | 18.4 | 25.4 | 12.71 | .0724 | 703 | 1 | 100.0 | 30 |
| 21/07/19 | 1:00p | 68 | 18.2 | 25.4 | 12.51 | .0724 | 698 | 1 | 100.0 | 30 |
| 21/07/19 | 1:30p | 68 | 18.2 | 25.4 | 12.51 | .0724 | 697 | 1 | 100.0 | 30 |
| 21/07/19 | 2:00p | 68 | 18.2 | 25.3 | 12.51 | .0724 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 2:30p | 67 | 17.9 | 25.2 | 12.23 | .0724 | 703 | 1 | 100.0 | 30 |
| 21/07/19 | 3:00p | 67 | 17.9 | 25.2 | 12.23 | .0723 | 691 | 1 | 100.0 | 30 |
| 21/07/19 | 3:30p | 67 | 17.9 | 25.2 | 12.23 | .0724 | 703 | 1 | 100.0 | 30 |
| 21/07/19 | 4:00p | 67 | 17.8 | 25.1 | 12.23 | .0723 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 4:30p | 67 | 17.8 | 25.1 | 12.24 | .0724 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 5:00p | 67 | 17.7 | 25.0 | 12.24 | .0724 | 691 | 1 | 100.0 | 30 |
| 21/07/19 | 5:30p | 67 | 17.7 | 24.9 | 12.24 | .0724 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 6:00p | 67 | 17.6 | 24.9 | 12.24 | .0725 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 6:30p | 67 | 17.4 | 24.8 | 12.25 | .0726 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 7:00p | 68 | 17.5 | 24.6 | 12.55 | .0726 | 692 | 1 | 100.0 | 30 |
| 21/07/19 | 7:30p | 68 | 17.4 | 24.4 | 12.55 | .0727 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 8:00p | 69 | 17.5 | 24.3 | 12.76 | .0727 | 702 | 1 | 100.0 | 30 |
| 21/07/19 | 8:30p | 69 | 17.4 | 24.2 | 12.77 | .0728 | 701 | 1 | 100.0 | 30 |
| 21/07/19 | 9:00p | 70 | 17.5 | 24.1 | 12.99 | .0729 | 694 | 1 | 100.0 | 30 |
| 21/07/19 | 9:30p | 70 | 17.4 | 23.9 | 13.00 | .0729 | 703 | 1 | 100.0 | 30 |
| 21/07/19 | 10:00p | 71 | 17.6 | 23.9 | 13.31 | .0729 | 702 | 2 | 100.0 | 30 |
| 21/07/19 | 10:30p | 71 | 17.5 | 23.8 | 13.31 | .0730 | 694 | 2 | 100.0 | 30 |
| 21/07/19 | 11:00p | 71 | 17.4 | 23.7 | 13.32 | .0730 | 701 | 1 | 100.0 | 30 |
| 21/07/19 | 11:30p | 72 | 17.5 | 23.6 | 13.63 | .0730 | 702 | 1 | 100.0 | 30 |
| 22/07/19 | 12:00a | 72 | 17.5 | 23.5 | 13.63 | .0730 | 698 | 1 | 100.0 | 30 |