

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 27/07/19 | 12:30a | 17.2 | 17.4 | 17.2 | 88 | 15.2 | 0.0 | NNE | 0.00 | 4.8 | NNE | 17.2 | 17.5 | 17.5 | 1015.8 | 0.00 | 0.0 | 0.024 | 0.000 | 22.1 |
| 27/07/19 | 1:00a | 17.0 | 17.2 | 17.0 | 89 | 15.2 | 0.0 | NNE | 0.00 | 4.8 | WNW | 17.0 | 17.3 | 17.3 | 1015.5 | 0.00 | 0.0 | 0.028 | 0.000 | 21.9 |
| 27/07/19 | 1:30a | 16.8 | 17.0 | 16.8 | 90 | 15.2 | 0.0 | N | 0.00 | 3.2 | WNW | 16.8 | 17.2 | 17.2 | 1015.3 | 0.00 | 0.0 | 0.031 | 0.000 | 21.8 |
| 27/07/19 | 2:00a | 16.7 | 16.8 | 16.7 | 89 | 14.9 | 0.0 | N | 0.00 | 4.8 | NW | 16.7 | 17.0 | 17.0 | 1015.1 | 0.00 | 0.0 | 0.034 | 0.000 | 21.8 |
| 27/07/19 | 2:30a | 16.7 | 16.8 | 16.7 | 90 | 15.1 | 0.0 | N | 0.00 | 4.8 | N | 16.7 | 17.0 | 17.0 | 1014.6 | 0.00 | 0.0 | 0.034 | 0.000 | 21.7 |
| 27/07/19 | 3:00a | 16.5 | 16.8 | 16.5 | 90 | 14.9 | 0.0 | NNE | 0.00 | 4.8 | NNE | 16.5 | 16.8 | 16.8 | 1014.6 | 0.00 | 0.0 | 0.038 | 0.000 | 21.7 |
| 27/07/19 | 3:30a | 16.3 | 16.5 | 16.3 | 90 | 14.7 | 0.0 | W | 0.00 | 8.0 | NW | 16.3 | 16.6 | 16.6 | 1014.7 | 0.00 | 0.0 | 0.042 | 0.000 | 21.6 |
| 27/07/19 | 4:00a | 16.1 | 16.3 | 16.1 | 88 | 14.1 | 1.6 | W | 0.80 | 9.7 | NNE | 16.1 | 16.3 | 16.3 | 1014.7 | 0.00 | 0.0 | 0.046 | 0.000 | 21.4 |
| 27/07/19 | 4:30a | 16.2 | 16.3 | 16.1 | 88 | 14.2 | 0.0 | N | 0.00 | 6.4 | N | 16.2 | 16.4 | 16.4 | 1014.5 | 0.00 | 0.0 | 0.044 | 0.000 | 21.3 |
| 27/07/19 | 5:00a | 15.9 | 16.2 | 15.9 | 89 | 14.1 | 0.0 | WSW | 0.00 | 4.8 | WSW | 15.9 | 16.1 | 16.1 | 1014.6 | 0.00 | 0.0 | 0.051 | 0.000 | 21.3 |
| 27/07/19 | 5:30a | 15.9 | 15.9 | 15.8 | 89 | 14.1 | 0.0 | NNE | 0.00 | 4.8 | NNE | 15.9 | 16.1 | 16.1 | 1014.7 | 0.00 | 0.0 | 0.051 | 0.000 | 21.3 |
| 27/07/19 | 6:00a | 16.0 | 16.0 | 15.9 | 90 | 14.4 | 0.0 | N | 0.00 | 4.8 | N | 16.0 | 16.2 | 16.2 | 1015.4 | 0.00 | 0.0 | 0.049 | 0.000 | 21.2 |
| 27/07/19 | 6:30a | 16.2 | 16.2 | 16.0 | 90 | 14.6 | 0.0 | W | 0.00 | 4.8 | ENE | 16.2 | 16.4 | 16.4 | 1015.6 | 0.00 | 0.0 | 0.044 | 0.000 | 21.3 |
| 27/07/19 | 7:00a | 16.5 | 16.5 | 16.2 | 90 | 14.9 | 0.0 | NNE | 0.00 | 4.8 | N | 16.5 | 16.8 | 16.8 | 1015.9 | 0.00 | 0.0 | 0.038 | 0.000 | 21.4 |
| 27/07/19 | 7:30a | 18.2 | 18.2 | 16.6 | 86 | 15.8 | 1.6 | W | 0.80 | 8.0 | NW | 18.2 | 18.6 | 18.6 | 1016.3 | 0.00 | 0.0 | 0.003 | 0.000 | 23.6 |
| 27/07/19 | 8:00a | 19.3 | 19.3 | 18.2 | 83 | 16.3 | 1.6 | N | 0.80 | 8.0 | NNE | 19.3 | 19.9 | 19.9 | 1016.2 | 0.00 | 0.0 | 0.000 | 0.020 | 23.7 |
| 27/07/19 | 8:30a | 20.6 | 20.7 | 19.3 | 76 | 16.2 | 1.6 | N | 0.80 | 9.7 | NNE | 20.6 | 21.2 | 21.2 | 1016.2 | 0.00 | 0.0 | 0.000 | 0.046 | 24.1 |
| 27/07/19 | 9:00a | 20.5 | 21.2 | 20.5 | 73 | 15.5 | 3.2 | N | 1.61 | 14.5 | NNE | 20.5 | 20.9 | 20.9 | 1016.1 | 0.00 | 0.0 | 0.000 | 0.045 | 24.0 |
| 27/07/19 | 9:30a | 21.8 | 21.8 | 20.5 | 73 | 16.8 | 3.2 | N | 1.61 | 22.5 | NNE | 21.8 | 22.2 | 22.2 | 1016.1 | 0.00 | 0.0 | 0.000 | 0.073 | 24.0 |
| 27/07/19 | 10:00a | 22.5 | 22.5 | 21.8 | 69 | 16.5 | 3.2 | NNE | 1.61 | 12.9 | NNW | 22.5 | 22.9 | 22.9 | 1015.6 | 0.00 | 0.0 | 0.000 | 0.087 | 24.0 |
| 27/07/19 | 10:30a | 22.5 | 22.7 | 22.4 | 65 | 15.6 | 3.2 | SW | 1.61 | 14.5 | NNE | 22.5 | 22.8 | 22.8 | 1015.4 | 0.00 | 0.0 | 0.000 | 0.087 | 24.0 |
| 27/07/19 | 11:00a | 23.2 | 23.2 | 22.4 | 63 | 15.8 | 3.2 | WSW | 1.61 | 16.1 | NNE | 23.2 | 23.7 | 23.7 | 1015.2 | 0.00 | 0.0 | 0.000 | 0.102 | 24.0 |
| 27/07/19 | 11:30a | 23.8 | 23.8 | 23.2 | 59 | 15.3 | 3.2 | WNW | 1.61 | 14.5 | NE | 23.8 | 24.3 | 24.3 | 1015.1 | 0.00 | 0.0 | 0.000 | 0.115 | 23.9 |
| 27/07/19 | 12:00p | 24.5 | 24.5 | 23.8 | 56 | 15.1 | 3.2 | W | 1.61 | 12.9 | N | 24.5 | 24.7 | 24.7 | 1014.7 | 0.00 | 0.0 | 0.000 | 0.128 | 24.0 |
| 27/07/19 | 12:30p | 25.3 | 25.3 | 24.5 | 54 | 15.4 | 3.2 | NE | 1.61 | 14.5 | NNE | 25.3 | 25.5 | 25.5 | 1014.2 | 0.00 | 0.0 | 0.000 | 0.146 | 24.0 |
| 27/07/19 | 1:00p | 26.1 | 26.1 | 25.3 | 50 | 14.9 | 3.2 | NNE | 1.61 | 16.1 | N | 26.1 | 26.2 | 26.2 | 1013.6 | 0.00 | 0.0 | 0.000 | 0.162 | 24.0 |
| 27/07/19 | 1:30p | 26.7 | 26.7 | 25.9 | 47 | 14.4 | 3.2 | NNE | 1.61 | 12.9 | N | 26.7 | 26.6 | 26.6 | 1013.0 | 0.00 | 0.0 | 0.000 | 0.174 | 24.1 |
| 27/07/19 | 2:00p | 26.7 | 26.9 | 26.6 | 44 | 13.4 | 3.2 | WSW | 1.61 | 12.9 | NNW | 26.7 | 26.4 | 26.4 | 1013.0 | 0.00 | 0.0 | 0.000 | 0.174 | 24.1 |
| 27/07/19 | 2:30p | 26.2 | 26.7 | 26.1 | 50 | 14.9 | 3.2 | NNE | 1.61 | 20.9 | N | 26.2 | 26.3 | 26.3 | 1012.6 | 0.00 | 0.0 | 0.000 | 0.163 | 24.2 |
| 27/07/19 | 3:00p | 26.1 | 26.3 | 25.8 | 50 | 14.8 | 3.2 | WNW | 1.61 | 14.5 | NNE | 26.1 | 26.2 | 26.2 | 1012.4 | 0.00 | 0.0 | 0.000 | 0.161 | 24.2 |
| 27/07/19 | 3:30p | 25.1 | 26.3 | 25.1 | 54 | 15.1 | 3.2 | N | 1.61 | 12.9 | N | 25.1 | 25.2 | 25.2 | 1012.0 | 0.00 | 0.0 | 0.000 | 0.141 | 24.3 |
| 27/07/19 | 4:00p | 25.1 | 25.1 | 24.5 | 54 | 15.1 | 3.2 | NNE | 1.61 | 14.5 | ENE | 25.1 | 25.2 | 25.2 | 1012.2 | 0.00 | 0.0 | 0.000 | 0.140 | 24.2 |
| 27/07/19 | 4:30p | 25.2 | 25.4 | 25.0 | 51 | 14.3 | 3.2 | N | 1.61 | 22.5 | NE | 25.2 | 25.2 | 25.2 | 1012.2 | 0.00 | 0.0 | 0.000 | 0.142 | 24.2 |
| 27/07/19 | 5:00p | 24.7 | 25.2 | 24.6 | 54 | 14.7 | 3.2 | W | 1.61 | 12.9 | SW | 24.7 | 24.8 | 24.8 | 1012.0 | 0.00 | 0.0 | 0.000 | 0.132 | 24.2 |
| 27/07/19 | 5:30p | 24.2 | 25.0 | 24.2 | 56 | 14.9 | 1.6 | NNE | 0.80 | 11.3 | NE | 24.2 | 24.5 | 24.5 | 1012.4 | 0.00 | 0.0 | 0.000 | 0.123 | 24.1 |
| 27/07/19 | 6:00p | 23.1 | 24.3 | 23.1 | 60 | 14.9 | 1.6 | WSW | 0.80 | 11.3 | NNE | 23.1 | 23.4 | 23.4 | 1012.9 | 0.00 | 0.0 | 0.000 | 0.100 | 24.0 |
| 27/07/19 | 6:30p | 22.1 | 23.1 | 22.1 | 65 | 15.2 | 1.6 | WSW | 0.80 | 11.3 | N | 22.1 | 22.2 | 22.2 | 1013.2 | 0.00 | 0.0 | 0.000 | 0.079 | 23.8 |
| 27/07/19 | 7:00p | 21.6 | 22.1 | 21.6 | 69 | 15.6 | 1.6 | WSW | 0.80 | 9.7 | NNW | 21.6 | 21.7 | 21.7 | 1013.8 | 0.00 | 0.0 | 0.000 | 0.067 | 23.6 |
| 27/07/19 | 7:30p | 20.9 | 21.6 | 20.9 | 73 | 15.9 | 1.6 | N | 0.80 | 11.3 | NE | 20.9 | 21.2 | 21.2 | 1014.1 | 0.00 | 0.0 | 0.000 | 0.054 | 23.4 |
| 27/07/19 | 8:00p | 20.0 | 20.9 | 20.0 | 81 | 16.6 | 1.6 | W | 0.80 | 9.7 | WNW | 20.0 | 20.7 | 20.7 | 1014.3 | 0.00 | 0.0 | 0.000 | 0.035 | 23.2 |
| 27/07/19 | 8:30p | 19.2 | 20.0 | 19.2 | 88 | 17.1 | 1.6 | W | 0.80 | 6.4 | NNE | 19.2 | 19.9 | 19.9 | 1014.9 | 0.00 | 0.0 | 0.000 | 0.017 | 22.9 |
| 27/07/19 | 9:00p | 18.8 | 19.2 | 18.8 | 89 | 16.9 | 0.0 | WSW | 0.00 | 6.4 | N | 18.8 | 19.4 | 19.4 | 1015.4 | 0.00 | 0.0 | 0.000 | 0.009 | 22.8 |
| 27/07/19 | 9:30p | 18.6 | 18.8 | 18.6 | 89 | 16.8 | 0.0 | N | 0.00 | 8.0 | W | 18.6 | 19.2 | 19.2 | 1015.4 | 0.00 | 0.0 | 0.000 | 0.006 | 22.7 |
| 27/07/19 | 10:00p | 18.4 | 18.6 | 18.4 | 88 | 16.4 | 0.0 | N | 0.00 | 6.4 | NNE | 18.4 | 19.0 | 19.0 | 1015.9 | 0.00 | 0.0 | 0.000 | 0.002 | 22.6 |
| 27/07/19 | 10:30p | 18.3 | 18.4 | 18.3 | 89 | 16.5 | 0.0 | NNE | 0.00 | 8.0 | N | 18.3 | 18.9 | 18.9 | 1016.1 | 0.00 | 0.0 | 0.000 | 0.000 | 22.4 |
| 27/07/19 | 11:00p | 18.0 | 18.3 | 18.0 | 90 | 16.3 | 1.6 | N | 0.80 | 9.7 | N | 18.0 | 18.5 | 18.5 | 1016.4 | 0.00 | 0.0 | 0.007 | 0.000 | 22.3 |
| 27/07/19 | 11:30p | 17.8 | 18.0 | 17.8 | 90 | 16.2 | 1.6 | N | 0.80 | 9.7 | N | 17.8 | 18.3 | 18.3 | 1016.4 | 0.00 | 0.0 | 0.010 | 0.000 | 22.2 |
| 28/07/19 | 12:00a | 17.8 | 17.9 | 17.8 | 89 | 16.0 | 1.6 | NNE | 0.80 | 9.7 | N | 17.8 | 18.3 | 18.3 | 1016.4 | 0.00 | 0.0 | 0.010 | 0.000 | 22.1 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 27/07/19 | 12:30a | 69 | 16.1 | 22.3 | 12.82 | .0735 | 702 | 1 | 100.0 | 30 |
| 27/07/19 | 1:00a | 69 | 16.0 | 22.2 | 12.82 | .0735 | 696 | 1 | 100.0 | 30 |
| 27/07/19 | 1:30a | 70 | 16.1 | 22.1 | 13.10 | .0735 | 700 | 1 | 100.0 | 30 |
| 27/07/19 | 2:00a | 70 | 16.1 | 22.1 | 13.10 | .0735 | 702 | 1 | 100.0 | 30 |
| 27/07/19 | 2:30a | 70 | 16.0 | 21.9 | 13.11 | .0735 | 702 | 1 | 100.0 | 30 |
| 27/07/19 | 3:00a | 71 | 16.2 | 21.9 | 13.41 | .0735 | 694 | 1 | 100.0 | 30 |
| 27/07/19 | 3:30a | 71 | 16.1 | 21.8 | 13.42 | .0736 | 703 | 1 | 100.0 | 30 |
| 27/07/19 | 4:00a | 71 | 16.0 | 21.7 | 13.43 | .0736 | 702 | 1 | 100.0 | 30 |
| 27/07/19 | 4:30a | 72 | 16.1 | 21.6 | 13.73 | .0736 | 693 | 1 | 100.0 | 30 |
| 27/07/19 | 5:00a | 72 | 16.1 | 21.6 | 13.73 | .0736 | 703 | 1 | 100.0 | 30 |
| 27/07/19 | 5:30a | 72 | 16.0 | 21.5 | 13.74 | .0736 | 702 | 1 | 100.0 | 30 |
| 27/07/19 | 6:00a | 72 | 16.0 | 21.4 | 13.74 | .0737 | 694 | 1 | 100.0 | 30 |
| 27/07/19 | 6:30a | 72 | 16.0 | 21.5 | 13.74 | .0737 | 702 | 1 | 100.0 | 30 |
| 27/07/19 | 7:00a | 72 | 16.2 | 21.7 | 13.73 | .0737 | 703 | 1 | 100.0 | 30 |
| 27/07/19 | 7:30a | 67 | 17.1 | 24.3 | 12.26 | .0731 | 696 | 1 | 100.0 | 30 |
| 27/07/19 | 8:00a | 66 | 17.0 | 24.5 | 12.06 | .0731 | 698 | 1 | 100.0 | 30 |
| 27/07/19 | 8:30a | 65 | 17.1 | 24.8 | 11.84 | .0730 | 703 | 1 | 100.0 | 30 |
| 27/07/19 | 9:00a | 65 | 17.0 | 24.7 | 11.85 | .0730 | 702 | 1 | 100.0 | 30 |
| 27/07/19 | 9:30a | 64 | 16.8 | 24.7 | 11.65 | .0730 | 694 | 1 | 100.0 | 30 |
| 27/07/19 | 10:00a | 64 | 16.8 | 24.7 | 11.65 | .0730 | 700 | 1 | 100.0 | 30 |
| 27/07/19 | 10:30a | 64 | 16.8 | 24.7 | 11.65 | .0730 | 703 | 1 | 100.0 | 30 |
| 27/07/19 | 11:00a | 64 | 16.8 | 24.7 | 11.65 | .0729 | 702 | 1 | 100.0 | 30 |
| 27/07/19 | 11:30a | 63 | 16.5 | 24.6 | 11.45 | .0730 | 692 | 1 | 100.0 | 30 |
| 27/07/19 | 12:00p | 62 | 16.3 | 24.6 | 11.25 | .0730 | 703 | 1 | 100.0 | 30 |
| 27/07/19 | 12:30p | 62 | 16.3 | 24.6 | 11.25 | .0729 | 702 | 1 | 100.0 | 30 |
| 27/07/19 | 1:00p | 61 | 16.0 | 24.5 | 11.05 | .0729 | 694 | 1 | 100.0 | 30 |
| 27/07/19 | 1:30p | 60 | 15.8 | 24.5 | 10.94 | .0729 | 702 | 1 | 100.0 | 30 |
| 27/07/19 | 2:00p | 60 | 15.9 | 24.6 | 10.93 | .0728 | 703 | 1 | 100.0 | 30 |
| 27/07/19 | 2:30p | 60 | 15.9 | 24.6 | 10.93 | .0728 | 693 | 1 | 100.0 | 30 |
| 27/07/19 | 3:00p | 59 | 15.7 | 24.6 | 10.73 | .0728 | 701 | 1 | 100.0 | 30 |
| 27/07/19 | 3:30p | 59 | 15.8 | 24.7 | 10.72 | .0727 | 703 | 1 | 100.0 | 30 |
| 27/07/19 | 4:00p | 60 | 16.0 | 24.7 | 10.93 | .0727 | 702 | 1 | 100.0 | 30 |
| 27/07/19 | 4:30p | 60 | 16.0 | 24.7 | 10.93 | .0727 | 692 | 1 | 100.0 | 30 |
| 27/07/19 | 5:00p | 60 | 15.9 | 24.6 | 10.93 | .0727 | 702 | 1 | 100.0 | 30 |
| 27/07/19 | 5:30p | 60 | 15.9 | 24.6 | 10.93 | .0728 | 703 | 1 | 100.0 | 30 |
| 27/07/19 | 6:00p | 60 | 15.8 | 24.5 | 10.94 | .0729 | 700 | 1 | 100.0 | 30 |
| 27/07/19 | 6:30p | 61 | 15.8 | 24.3 | 11.06 | .0729 | 692 | 1 | 100.0 | 30 |
| 27/07/19 | 7:00p | 61 | 15.6 | 24.1 | 11.07 | .0730 | 703 | 1 | 100.0 | 30 |
| 27/07/19 | 7:30p | 62 | 15.7 | 23.9 | 11.27 | .0731 | 702 | 1 | 100.0 | 30 |
| 27/07/19 | 8:00p | 63 | 15.7 | 23.7 | 11.48 | .0732 | 700 | 1 | 100.0 | 30 |
| 27/07/19 | 8:30p | 65 | 16.0 | 23.4 | 11.85 | .0732 | 695 | 1 | 100.0 | 30 |
| 27/07/19 | 9:00p | 66 | 16.1 | 23.2 | 12.09 | .0733 | 703 | 1 | 100.0 | 30 |
| 27/07/19 | 9:30p | 67 | 16.2 | 23.1 | 12.29 | .0733 | 701 | 1 | 100.0 | 30 |
| 27/07/19 | 10:00p | 67 | 16.1 | 22.9 | 12.30 | .0734 | 694 | 1 | 100.0 | 30 |
| 27/07/19 | 10:30p | 68 | 16.2 | 22.8 | 12.55 | .0734 | 701 | 1 | 100.0 | 30 |
| 27/07/19 | 11:00p | 69 | 16.3 | 22.7 | 12.81 | .0735 | 702 | 1 | 100.0 | 30 |
| 27/07/19 | 11:30p | 69 | 16.2 | 22.5 | 12.81 | .0735 | 703 | 1 | 100.0 | 30 |
| 28/07/19 | 12:00a | 70 | 16.3 | 22.4 | 13.08 | .0736 | 692 | 1 | 100.0 | 30 |