

| Date     | Time   | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | Bar    | Rain | Rain<br>Rate | Heat<br>D-D | Cool<br>D-D | In<br>Temp |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 30/07/19 | 12:30a | 17.0        | 17.2       | 17.0        | 89         | 15.2       | 0.0           | NE          | 0.00        | 4.8         | WNW       | 17.0          | 17.3          | 17.3         | 1014.4 | 0.00 | 0.0          | 0.028       | 0.000       | 21.9       |
| 30/07/19 | 1:00a  | 16.7        | 17.0       | 16.7        | 85         | 14.1       | 0.0           | NW          | 0.00        | 6.4         | ENE       | 16.7          | 16.8          | 16.8         | 1014.1 | 0.00 | 0.0          | 0.035       | 0.000       | 21.8       |
| 30/07/19 | 1:30a  | 16.5        | 16.7       | 16.5        | 81         | 13.2       | 0.0           | NNE         | 0.00        | 4.8         | NNE       | 16.5          | 16.6          | 16.6         | 1013.9 | 0.00 | 0.0          | 0.038       | 0.000       | 21.8       |
| 30/07/19 | 2:00a  | 16.3        | 16.5       | 16.3        | 77         | 12.3       | 0.0           | WNW         | 0.00        | 6.4         | N         | 16.3          | 16.3          | 16.3         | 1013.5 | 0.00 | 0.0          | 0.042       | 0.000       | 21.7       |
| 30/07/19 | 2:30a  | 16.3        | 16.3       | 16.2        | 76         | 12.0       | 0.0           | NW          | 0.00        | 8.0         | NW        | 16.3          | 16.2          | 16.2         | 1013.2 | 0.00 | 0.0          | 0.043       | 0.000       | 21.6       |
| 30/07/19 | 3:00a  | 16.1        | 16.3       | 16.1        | 78         | 12.2       | 0.0           | W           | 0.00        | 3.2         | N         | 16.1          | 16.0          | 16.0         | 1013.1 | 0.00 | 0.0          | 0.047       | 0.000       | 21.6       |
| 30/07/19 | 3:30a  | 16.0        | 16.1       | 15.9        | 77         | 12.0       | 0.0           | W           | 0.00        | 1.6         | W         | 16.0          | 15.9          | 15.9         | 1013.0 | 0.00 | 0.0          | 0.049       | 0.000       | 21.6       |
| 30/07/19 | 4:00a  | 16.2        | 16.2       | 16.0        | 80         | 12.8       | 0.0           | NNE         | 0.00        | 3.2         | NE        | 16.2          | 16.2          | 16.2         | 1013.0 | 0.00 | 0.0          | 0.044       | 0.000       | 21.5       |
| 30/07/19 | 4:30a  | 15.9        | 16.2       | 15.9        | 83         | 13.1       | 0.0           | NNE         | 0.00        | 1.6         | W         | 15.9          | 16.0          | 16.0         | 1012.7 | 0.00 | 0.0          | 0.050       | 0.000       | 21.4       |
| 30/07/19 | 5:00a  | 15.6        | 15.9       | 15.6        | 75         | 11.2       | 0.0           | NNW         | 0.00        | 1.6         | NNW       | 15.6          | 15.4          | 15.4         | 1012.8 | 0.00 | 0.0          | 0.057       | 0.000       | 21.4       |
| 30/07/19 | 5:30a  | 15.7        | 15.7       | 15.6        | 68         | 9.8        | 0.0           | W           | 0.00        | 4.8         | NW        | 15.7          | 15.3          | 15.3         | 1013.0 | 0.00 | 0.0          | 0.054       | 0.000       | 21.3       |
| 30/07/19 | 6:00a  | 15.5        | 15.7       | 15.5        | 66         | 9.2        | 0.0           | WNW         | 0.00        | 3.2         | N         | 15.5          | 15.1          | 15.1         | 1013.4 | 0.00 | 0.0          | 0.059       | 0.000       | 21.3       |
| 30/07/19 | 6:30a  | 15.5        | 15.6       | 15.4        | 65         | 8.9        | 0.0           | ENE         | 0.00        | 3.2         | ENE       | 15.5          | 15.0          | 15.0         | 1013.8 | 0.00 | 0.0          | 0.059       | 0.000       | 21.3       |
| 30/07/19 | 7:00a  | 16.1        | 16.2       | 15.5        | 70         | 10.6       | 0.0           | NE          | 0.00        | 8.0         | NE        | 16.1          | 15.8          | 15.8         | 1014.2 | 0.00 | 0.0          | 0.046       | 0.000       | 22.2       |
| 30/07/19 | 7:30a  | 17.7        | 17.7       | 16.1        | 90         | 16.0       | 0.0           | N           | 0.00        | 4.8         | N         | 17.7          | 18.1          | 18.1         | 1013.8 | 0.00 | 0.0          | 0.014       | 0.000       | 23.5       |
| 30/07/19 | 8:00a  | 18.3        | 18.3       | 17.7        | 86         | 15.9       | 1.6           | WSW         | 0.80        | 8.0         | N         | 18.3          | 18.7          | 18.7         | 1013.9 | 0.00 | 0.0          | 0.001       | 0.000       | 23.3       |
| 30/07/19 | 8:30a  | 18.9        | 18.9       | 18.3        | 83         | 15.9       | 1.6           | NNE         | 0.80        | 11.3        | NNE       | 18.9          | 19.4          | 19.4         | 1013.7 | 0.00 | 0.0          | 0.000       | 0.012       | 23.0       |
| 30/07/19 | 9:00a  | 20.0        | 20.0       | 18.9        | 80         | 16.4       | 1.6           | N           | 0.80        | 12.9        | NNE       | 20.0          | 20.7          | 20.7         | 1013.7 | 0.00 | 0.0          | 0.000       | 0.035       | 22.9       |
| 30/07/19 | 9:30a  | 21.8        | 21.8       | 20.0        | 74         | 16.9       | 1.6           | N           | 0.80        | 9.7         | W         | 21.8          | 22.2          | 22.2         | 1013.5 | 0.00 | 0.0          | 0.000       | 0.072       | 23.2       |
| 30/07/19 | 10:00a | 23.2        | 23.2       | 21.8        | 69         | 17.2       | 3.2           | NNE         | 1.61        | 17.7        | NE        | 23.2          | 24.0          | 24.0         | 1013.5 | 0.00 | 0.0          | 0.000       | 0.102       | 23.5       |
| 30/07/19 | 10:30a | 23.5        | 23.6       | 23.2        | 64         | 16.3       | 3.2           | NNE         | 1.61        | 12.9        | NNE       | 23.5          | 24.1          | 24.1         | 1013.5 | 0.00 | 0.0          | 0.000       | 0.108       | 23.7       |
| 30/07/19 | 11:00a | 23.9        | 23.9       | 23.5        | 62         | 16.2       | 3.2           | N           | 1.61        | 14.5        | NNE       | 23.9          | 24.5          | 24.5         | 1013.2 | 0.00 | 0.0          | 0.000       | 0.117       | 23.8       |
| 30/07/19 | 11:30a | 23.9        | 24.3       | 23.9        | 62         | 16.2       | 3.2           | NNE         | 1.61        | 16.1        | ENE       | 23.9          | 24.5          | 24.5         | 1012.8 | 0.00 | 0.0          | 0.000       | 0.117       | 23.9       |
| 30/07/19 | 12:00p | 24.1        | 24.8       | 23.8        | 59         | 15.6       | 3.2           | N           | 1.61        | 17.7        | N         | 24.1          | 24.5          | 24.5         | 1012.5 | 0.00 | 0.0          | 0.000       | 0.120       | 23.9       |
| 30/07/19 | 12:30p | 24.6        | 24.7       | 23.8        | 59         | 16.0       | 3.2           | SW          | 1.61        | 14.5        | N         | 24.6          | 24.9          | 24.9         | 1012.0 | 0.00 | 0.0          | 0.000       | 0.130       | 23.9       |
| 30/07/19 | 1:00p  | 25.1        | 25.1       | 24.4        | 58         | 16.2       | 3.2           | NNE         | 1.61        | 19.3        | N         | 25.1          | 25.4          | 25.4         | 1011.9 | 0.00 | 0.0          | 0.000       | 0.140       | 24.0       |
| 30/07/19 | 1:30p  | 25.7        | 25.7       | 25.1        | 56         | 16.2       | 1.6           | W           | 0.80        | 11.3        | N         | 25.7          | 26.0          | 26.0         | 1011.3 | 0.00 | 0.0          | 0.000       | 0.153       | 24.0       |
| 30/07/19 | 2:00p  | 25.6        | 26.0       | 25.5        | 55         | 15.8       | 3.2           | W           | 1.61        | 12.9        | SW        | 25.6          | 25.8          | 25.8         | 1010.8 | 0.00 | 0.0          | 0.000       | 0.150       | 24.1       |
| 30/07/19 | 2:30p  | 24.9        | 25.9       | 24.9        | 55         | 15.3       | 1.6           | SW          | 0.80        | 11.3        | W         | 24.9          | 25.1          | 25.1         | 1010.4 | 0.00 | 0.0          | 0.000       | 0.138       | 24.1       |
| 30/07/19 | 3:00p  | 25.7        | 25.7       | 24.8        | 56         | 16.2       | 3.2           | WNW         | 1.61        | 12.9        | W         | 25.7          | 26.0          | 26.0         | 1009.9 | 0.00 | 0.0          | 0.000       | 0.153       | 24.1       |
| 30/07/19 | 3:30p  | 24.6        | 25.7       | 24.6        | 59         | 16.1       | 3.2           | N           | 1.61        | 16.1        | SSE       | 24.6          | 24.9          | 24.9         | 1009.7 | 0.00 | 0.0          | 0.000       | 0.131       | 24.1       |
| 30/07/19 | 4:00p  | 24.7        | 25.4       | 24.6        | 60         | 16.4       | 1.6           | N           | 0.80        | 11.3        | N         | 24.7          | 25.1          | 25.1         | 1009.8 | 0.00 | 0.0          | 0.000       | 0.132       | 24.1       |
| 30/07/19 | 4:30p  | 24.7        | 25.6       | 24.6        | 63         | 17.2       | 1.6           | W           | 0.80        | 11.3        | NNE       | 24.7          | 25.3          | 25.3         | 1009.7 | 0.00 | 0.0          | 0.000       | 0.133       | 24.1       |
| 30/07/19 | 5:00p  | 23.6        | 24.7       | 23.6        | 66         | 16.8       | 3.2           | WNW         | 1.61        | 14.5        | SSW       | 23.6          | 24.3          | 24.3         | 1009.9 | 0.00 | 0.0          | 0.000       | 0.109       | 24.0       |
| 30/07/19 | 5:30p  | 23.1        | 23.6       | 23.1        | 65         | 16.1       | 1.6           | W           | 0.80        | 11.3        | N         | 23.1          | 23.6          | 23.6         | 1010.1 | 0.00 | 0.0          | 0.000       | 0.098       | 23.8       |
| 30/07/19 | 6:00p  | 22.2        | 23.1       | 22.2        | 67         | 15.8       | 1.6           | W           | 0.80        | 19.3        | NE        | 22.2          | 22.5          | 22.5         | 1010.8 | 0.00 | 0.0          | 0.000       | 0.081       | 23.7       |
| 30/07/19 | 6:30p  | 20.9        | 22.2       | 20.9        | 73         | 15.9       | 1.6           | N           | 0.80        | 11.3        | NNE       | 20.9          | 21.2          | 21.2         | 1010.9 | 0.00 | 0.0          | 0.000       | 0.054       | 23.4       |
| 30/07/19 | 7:00p  | 20.3        | 20.9       | 20.3        | 79         | 16.5       | 1.6           | N           | 0.80        | 9.7         | NNW       | 20.3          | 21.0          | 21.0         | 1012.0 | 0.00 | 0.0          | 0.000       | 0.041       | 23.2       |
| 30/07/19 | 7:30p  | 19.9        | 20.3       | 19.9        | 82         | 16.8       | 1.6           | NNE         | 0.80        | 11.3        | N         | 19.9          | 20.7          | 20.7         | 1011.9 | 0.00 | 0.0          | 0.000       | 0.034       | 23.1       |
| 30/07/19 | 8:00p  | 19.4        | 19.9       | 19.4        | 83         | 16.5       | 1.6           | NNE         | 0.80        | 8.0         | NNW       | 19.4          | 20.1          | 20.1         | 1012.7 | 0.00 | 0.0          | 0.000       | 0.023       | 22.9       |
| 30/07/19 | 8:30p  | 19.1        | 19.4       | 19.1        | 83         | 16.1       | 0.0           | NNE         | 0.00        | 8.0         | NE        | 19.1          | 19.6          | 19.6         | 1012.9 | 0.00 | 0.0          | 0.000       | 0.015       | 22.7       |
| 30/07/19 | 9:00p  | 18.7        | 19.1       | 18.7        | 84         | 16.0       | 0.0           | NNE         | 0.00        | 6.4         | NW        | 18.7          | 19.2          | 19.2         | 1012.8 | 0.00 | 0.0          | 0.000       | 0.008       | 22.6       |
| 30/07/19 | 9:30p  | 18.3        | 18.7       | 18.3        | 86         | 15.9       | 1.6           | NNW         | 0.80        | 8.0         | W         | 18.3          | 18.8          | 18.8         | 1012.9 | 0.00 | 0.0          | 0.000       | 0.000       | 22.4       |
| 30/07/19 | 10:00p | 18.1        | 18.3       | 18.1        | 87         | 15.9       | 1.6           | WNW         | 0.80        | 6.4         | NNW       | 18.1          | 18.5          | 18.5         | 1013.1 | 0.00 | 0.0          | 0.006       | 0.000       | 22.3       |
| 30/07/19 | 10:30p | 17.7        | 18.1       | 17.7        | 87         | 15.5       | 0.0           | WSW         | 0.00        | 6.4         | WSW       | 17.7          | 18.1          | 18.1         | 1013.5 | 0.00 | 0.0          | 0.013       | 0.000       | 22.2       |
| 30/07/19 | 11:00p | 17.3        | 17.7       | 17.3        | 88         | 15.3       | 0.0           | NW          | 0.00        | 3.2         | WNW       | 17.3          | 17.7          | 17.7         | 1013.6 | 0.00 | 0.0          | 0.021       | 0.000       | 22.1       |
| 30/07/19 | 11:30p | 17.0        | 17.4       | 17.0        | 89         | 15.2       | 0.0           | ENE         | 0.00        | 4.8         | WNW       | 17.0          | 17.3          | 17.3         | 1013.7 | 0.00 | 0.0          | 0.028       | 0.000       | 22.1       |
| 31/07/19 | 12:00a | 16.7        | 17.0       | 16.7        | 89         | 14.8       | 0.0           | WNW         | 0.00        | 1.6         | ENE       | 16.7          | 16.9          | 16.9         | 1013.7 | 0.00 | 0.0          | 0.035       | 0.000       | 22.0       |

| Date     | Time   | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 30/07/19 | 12:30a | 67     | 15.5   | 22.1    | 12.32  | .0735          | 695       | 1       | 100.0      | 30        |
| 30/07/19 | 1:00a  | 68     | 15.7   | 22.0    | 12.55  | .0735          | 701       | 1       | 100.0      | 30        |
| 30/07/19 | 1:30a  | 69     | 15.8   | 22.0    | 12.83  | .0735          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 2:00a  | 69     | 15.7   | 21.8    | 12.83  | .0735          | 699       | 1       | 100.0      | 30        |
| 30/07/19 | 2:30a  | 69     | 15.7   | 21.8    | 12.83  | .0735          | 696       | 1       | 100.0      | 30        |
| 30/07/19 | 3:00a  | 70     | 15.8   | 21.7    | 13.12  | .0735          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 3:30a  | 70     | 15.8   | 21.7    | 13.12  | .0735          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 4:00a  | 70     | 15.8   | 21.7    | 13.12  | .0735          | 693       | 1       | 100.0      | 30        |
| 30/07/19 | 4:30a  | 70     | 15.7   | 21.6    | 13.13  | .0735          | 703       | 1       | 100.0      | 30        |
| 30/07/19 | 5:00a  | 70     | 15.7   | 21.6    | 13.13  | .0735          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 5:30a  | 71     | 15.9   | 21.5    | 13.43  | .0735          | 692       | 1       | 100.0      | 30        |
| 30/07/19 | 6:00a  | 71     | 15.8   | 21.4    | 13.44  | .0736          | 703       | 1       | 100.0      | 30        |
| 30/07/19 | 6:30a  | 71     | 15.9   | 21.5    | 13.43  | .0736          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 7:00a  | 69     | 16.3   | 22.6    | 12.81  | .0734          | 694       | 1       | 100.0      | 30        |
| 30/07/19 | 7:30a  | 66     | 16.8   | 24.2    | 12.06  | .0730          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 8:00a  | 66     | 16.6   | 23.9    | 12.07  | .0730          | 703       | 1       | 100.0      | 30        |
| 30/07/19 | 8:30a  | 66     | 16.3   | 23.6    | 12.08  | .0731          | 693       | 1       | 100.0      | 30        |
| 30/07/19 | 9:00a  | 66     | 16.3   | 23.4    | 12.08  | .0731          | 699       | 1       | 100.0      | 30        |
| 30/07/19 | 9:30a  | 66     | 16.5   | 23.8    | 12.08  | .0731          | 703       | 1       | 100.0      | 30        |
| 30/07/19 | 10:00a | 65     | 16.5   | 24.2    | 11.85  | .0730          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 10:30a | 64     | 16.5   | 24.4    | 11.65  | .0729          | 693       | 1       | 100.0      | 30        |
| 30/07/19 | 11:00a | 64     | 16.6   | 24.5    | 11.65  | .0729          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 11:30a | 63     | 16.4   | 24.5    | 11.45  | .0728          | 703       | 1       | 100.0      | 30        |
| 30/07/19 | 12:00p | 63     | 16.5   | 24.6    | 11.45  | .0728          | 699       | 1       | 100.0      | 30        |
| 30/07/19 | 12:30p | 63     | 16.5   | 24.6    | 11.45  | .0727          | 696       | 1       | 100.0      | 30        |
| 30/07/19 | 1:00p  | 63     | 16.5   | 24.6    | 11.45  | .0727          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 1:30p  | 63     | 16.5   | 24.6    | 11.45  | .0727          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 2:00p  | 62     | 16.3   | 24.6    | 11.24  | .0726          | 694       | 1       | 100.0      | 30        |
| 30/07/19 | 2:30p  | 62     | 16.3   | 24.6    | 11.24  | .0726          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 3:00p  | 62     | 16.4   | 24.7    | 11.24  | .0726          | 703       | 1       | 100.0      | 30        |
| 30/07/19 | 3:30p  | 62     | 16.4   | 24.7    | 11.24  | .0725          | 697       | 1       | 100.0      | 30        |
| 30/07/19 | 4:00p  | 62     | 16.4   | 24.7    | 11.24  | .0726          | 697       | 1       | 100.0      | 30        |
| 30/07/19 | 4:30p  | 62     | 16.4   | 24.7    | 11.24  | .0725          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 5:00p  | 63     | 16.5   | 24.6    | 11.45  | .0726          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 5:30p  | 63     | 16.4   | 24.4    | 11.45  | .0726          | 697       | 1       | 100.0      | 30        |
| 30/07/19 | 6:00p  | 64     | 16.5   | 24.3    | 11.65  | .0727          | 696       | 1       | 100.0      | 30        |
| 30/07/19 | 6:30p  | 64     | 16.2   | 24.1    | 11.65  | .0728          | 703       | 1       | 100.0      | 30        |
| 30/07/19 | 7:00p  | 65     | 16.3   | 23.8    | 11.85  | .0729          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 7:30p  | 66     | 16.4   | 23.6    | 12.08  | .0730          | 696       | 1       | 100.0      | 30        |
| 30/07/19 | 8:00p  | 66     | 16.2   | 23.4    | 12.09  | .0731          | 698       | 1       | 100.0      | 30        |
| 30/07/19 | 8:30p  | 67     | 16.3   | 23.2    | 12.29  | .0731          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 9:00p  | 67     | 16.2   | 23.0    | 12.30  | .0732          | 703       | 1       | 100.0      | 30        |
| 30/07/19 | 9:30p  | 68     | 16.2   | 22.8    | 12.55  | .0732          | 692       | 1       | 100.0      | 30        |
| 30/07/19 | 10:00p | 68     | 16.1   | 22.7    | 12.55  | .0733          | 703       | 1       | 100.0      | 30        |
| 30/07/19 | 10:30p | 69     | 16.3   | 22.6    | 12.81  | .0733          | 702       | 1       | 100.0      | 30        |
| 30/07/19 | 11:00p | 69     | 16.2   | 22.4    | 12.81  | .0733          | 697       | 1       | 100.0      | 30        |
| 30/07/19 | 11:30p | 69     | 16.1   | 22.3    | 12.82  | .0734          | 698       | 1       | 100.0      | 30        |
| 31/07/19 | 12:00a | 69     | 16.0   | 22.3    | 12.82  | .0734          | 702       | 1       | 100.0      | 30        |