

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|-------|------|--------------|-------------|-------------|------------|
| 15/05/16 | 12:30a | 17.3        | 17.6       | 17.3        | 91         | 15.8       | 0.0           | NE          | 0.00        | 6.4         | ESE       | 17.3          | 17.7          | 17.7         | 758.8 | 0.00 | 0.0          | 0.022       | 0.000       | 23.1       |
| 15/05/16 | 1:00a  | 17.1        | 17.3       | 17.1        | 93         | 16.0       | 1.6           | NE          | 0.80        | 11.3        | E         | 17.1          | 17.5          | 17.5         | 758.7 | 0.00 | 0.0          | 0.025       | 0.000       | 22.9       |
| 15/05/16 | 1:30a  | 17.0        | 17.1       | 17.0        | 93         | 15.9       | 0.0           | NE          | 0.00        | 6.4         | W         | 17.0          | 17.4          | 17.4         | 758.6 | 0.00 | 0.0          | 0.028       | 0.000       | 22.9       |
| 15/05/16 | 2:00a  | 16.7        | 17.1       | 16.7        | 94         | 15.8       | 0.0           | NE          | 0.00        | 4.8         | SW        | 16.7          | 17.1          | 17.1         | 758.6 | 0.00 | 0.0          | 0.034       | 0.000       | 22.7       |
| 15/05/16 | 2:30a  | 16.7        | 16.7       | 16.7        | 94         | 15.7       | 0.0           | NE          | 0.00        | 3.2         | NE        | 16.7          | 17.1          | 17.1         | 758.5 | 0.00 | 0.0          | 0.035       | 0.000       | 22.7       |
| 15/05/16 | 3:00a  | 16.5        | 16.7       | 16.5        | 94         | 15.5       | 0.0           | NE          | 0.00        | 3.2         | ENE       | 16.5          | 16.8          | 16.8         | 758.2 | 0.00 | 0.0          | 0.038       | 0.000       | 22.7       |
| 15/05/16 | 3:30a  | 16.4        | 16.5       | 16.3        | 95         | 15.6       | 0.0           | NE          | 0.00        | 1.6         | N         | 16.4          | 16.7          | 16.7         | 758.0 | 0.00 | 0.0          | 0.041       | 0.000       | 22.6       |
| 15/05/16 | 4:00a  | 16.2        | 16.4       | 16.2        | 95         | 15.4       | 0.0           | NE          | 0.00        | 4.8         | NE        | 16.2          | 16.5          | 16.5         | 757.9 | 0.00 | 0.0          | 0.044       | 0.000       | 22.6       |
| 15/05/16 | 4:30a  | 16.3        | 16.3       | 16.2        | 95         | 15.5       | 0.0           | NE          | 0.00        | 3.2         | NNE       | 16.3          | 16.6          | 16.6         | 757.8 | 0.00 | 0.0          | 0.043       | 0.000       | 22.5       |
| 15/05/16 | 5:00a  | 16.3        | 16.3       | 16.3        | 95         | 15.5       | 0.0           | NE          | 0.00        | 3.2         | NNE       | 16.3          | 16.7          | 16.7         | 757.8 | 0.00 | 0.0          | 0.042       | 0.000       | 22.5       |
| 15/05/16 | 5:30a  | 16.3        | 16.3       | 16.3        | 95         | 15.5       | 0.0           | NNE         | 0.00        | 1.6         | NNE       | 16.3          | 16.6          | 16.6         | 757.9 | 0.00 | 0.0          | 0.043       | 0.000       | 22.4       |
| 15/05/16 | 6:00a  | 16.3        | 16.3       | 16.3        | 94         | 15.3       | 0.0           | ENE         | 0.00        | 4.8         | ENE       | 16.3          | 16.6          | 16.6         | 758.3 | 0.00 | 0.0          | 0.043       | 0.000       | 22.4       |
| 15/05/16 | 6:30a  | 16.2        | 16.3       | 16.2        | 95         | 15.4       | 0.0           | NE          | 0.00        | 4.8         | N         | 16.2          | 16.5          | 16.5         | 758.3 | 0.00 | 0.0          | 0.044       | 0.000       | 22.3       |
| 15/05/16 | 7:00a  | 16.1        | 16.2       | 16.1        | 95         | 15.3       | 0.0           | NNE         | 0.00        | 6.4         | NNE       | 16.1          | 16.3          | 16.3         | 758.7 | 0.00 | 0.0          | 0.047       | 0.000       | 22.3       |
| 15/05/16 | 7:30a  | 16.4        | 16.4       | 16.1        | 93         | 15.3       | 0.0           | NE          | 0.00        | 9.7         | ENE       | 16.4          | 16.8          | 16.8         | 759.1 | 0.00 | 0.0          | 0.039       | 0.000       | 22.3       |
| 15/05/16 | 8:00a  | 17.4        | 17.4       | 16.4        | 91         | 15.9       | 0.0           | ENE         | 0.00        | 8.0         | ENE       | 17.4          | 17.8          | 17.8         | 759.3 | 0.00 | 0.0          | 0.020       | 0.000       | 23.5       |
| 15/05/16 | 8:30a  | 19.7        | 19.7       | 17.4        | 83         | 16.8       | 0.0           | NE          | 0.00        | 3.2         | NW        | 19.7          | 20.4          | 20.4         | 759.2 | 0.00 | 0.0          | 0.000       | 0.029       | 24.3       |
| 15/05/16 | 9:00a  | 20.6        | 20.6       | 19.7        | 78         | 16.6       | 1.6           | NE          | 0.80        | 8.0         | NE        | 20.6          | 21.3          | 21.3         | 759.3 | 0.00 | 0.0          | 0.000       | 0.046       | 24.8       |
| 15/05/16 | 9:30a  | 21.9        | 21.9       | 20.3        | 73         | 16.8       | 1.6           | NE          | 0.80        | 9.7         | NE        | 21.9          | 22.3          | 22.3         | 759.0 | 0.00 | 0.0          | 0.000       | 0.074       | 25.1       |
| 15/05/16 | 10:00a | 23.0        | 23.0       | 21.9        | 60         | 14.8       | 1.6           | NE          | 0.80        | 9.7         | NE        | 23.0          | 23.3          | 23.3         | 758.8 | 0.00 | 0.0          | 0.000       | 0.097       | 25.3       |
| 15/05/16 | 10:30a | 24.5        | 24.5       | 23.1        | 57         | 15.4       | 3.2           | NE          | 1.61        | 14.5        | NE        | 24.5          | 24.8          | 24.8         | 758.9 | 0.00 | 0.0          | 0.000       | 0.128       | 25.3       |
| 15/05/16 | 11:00a | 24.9        | 25.1       | 24.4        | 52         | 14.4       | 3.2           | NE          | 1.61        | 11.3        | NE        | 24.9          | 24.9          | 24.9         | 758.8 | 0.00 | 0.0          | 0.000       | 0.137       | 25.4       |
| 15/05/16 | 11:30a | 25.5        | 25.5       | 24.6        | 48         | 13.7       | 3.2           | NE          | 1.61        | 12.9        | NE        | 25.5          | 25.4          | 25.4         | 758.4 | 0.00 | 0.0          | 0.000       | 0.149       | 25.4       |
| 15/05/16 | 12:00p | 26.6        | 26.7       | 25.6        | 43         | 13.0       | 1.6           | NE          | 0.80        | 11.3        | NE        | 26.6          | 26.3          | 26.3         | 758.0 | 0.00 | 0.0          | 0.000       | 0.172       | 25.4       |
| 15/05/16 | 12:30p | 27.5        | 27.5       | 26.6        | 42         | 13.4       | 3.2           | NE          | 1.61        | 12.9        | NNE       | 27.5          | 27.2          | 27.2         | 757.9 | 0.00 | 0.0          | 0.000       | 0.191       | 25.5       |
| 15/05/16 | 1:00p  | 28.1        | 28.1       | 27.5        | 36         | 11.6       | 3.2           | NE          | 1.61        | 12.9        | N         | 28.1          | 27.5          | 27.5         | 757.7 | 0.00 | 0.0          | 0.000       | 0.204       | 25.6       |
| 15/05/16 | 1:30p  | 28.6        | 28.7       | 28.1        | 29         | 8.8        | 3.2           | NE          | 1.61        | 17.7        | NE        | 28.6          | 27.5          | 27.5         | 757.5 | 0.00 | 0.0          | 0.000       | 0.214       | 25.6       |
| 15/05/16 | 2:00p  | 29.3        | 29.6       | 28.4        | 32         | 10.9       | 3.2           | NE          | 1.61        | 11.3        | NE        | 29.3          | 28.6          | 28.6         | 757.0 | 0.00 | 0.0          | 0.000       | 0.229       | 25.6       |
| 15/05/16 | 2:30p  | 29.6        | 29.6       | 28.8        | 36         | 13.0       | 3.2           | NE          | 1.61        | 16.1        | NNE       | 29.6          | 29.3          | 29.3         | 756.5 | 0.00 | 0.0          | 0.000       | 0.235       | 25.7       |
| 15/05/16 | 3:00p  | 29.6        | 29.8       | 29.3        | 37         | 13.4       | 3.2           | NE          | 1.61        | 14.5        | N         | 29.6          | 29.4          | 29.4         | 756.0 | 0.00 | 0.0          | 0.000       | 0.235       | 25.7       |
| 15/05/16 | 3:30p  | 29.4        | 29.6       | 29.1        | 37         | 13.2       | 3.2           | NE          | 1.61        | 14.5        | NE        | 29.4          | 29.2          | 29.2         | 755.7 | 0.00 | 0.0          | 0.000       | 0.230       | 25.7       |
| 15/05/16 | 4:00p  | 29.2        | 29.4       | 29.1        | 37         | 13.0       | 3.2           | NE          | 1.61        | 11.3        | WNW       | 29.2          | 28.9          | 28.9         | 755.5 | 0.00 | 0.0          | 0.000       | 0.226       | 25.7       |
| 15/05/16 | 4:30p  | 28.3        | 29.7       | 28.3        | 41         | 13.8       | 1.6           | W           | 0.80        | 11.3        | NE        | 28.3          | 28.3          | 28.3         | 755.4 | 0.00 | 0.0          | 0.000       | 0.208       | 25.7       |
| 15/05/16 | 5:00p  | 27.7        | 28.7       | 27.7        | 44         | 14.3       | 1.6           | NE          | 0.80        | 9.7         | NNW       | 27.7          | 27.5          | 27.5         | 755.2 | 0.00 | 0.0          | 0.000       | 0.194       | 25.7       |
| 15/05/16 | 5:30p  | 26.5        | 27.7       | 26.5        | 47         | 14.3       | 1.6           | NW          | 0.80        | 9.7         | N         | 26.5          | 26.4          | 26.4         | 755.4 | 0.00 | 0.0          | 0.000       | 0.170       | 25.6       |
| 15/05/16 | 6:00p  | 24.7        | 26.5       | 24.7        | 67         | 18.2       | 1.6           | NW          | 0.80        | 11.3        | W         | 24.7          | 25.6          | 25.6         | 755.4 | 0.00 | 0.0          | 0.000       | 0.133       | 25.4       |
| 15/05/16 | 6:30p  | 23.3        | 24.7       | 23.3        | 73         | 18.2       | 1.6           | WNW         | 0.80        | 6.4         | NW        | 23.3          | 24.3          | 24.3         | 755.7 | 0.00 | 0.0          | 0.000       | 0.104       | 25.3       |
| 15/05/16 | 7:00p  | 22.8        | 23.3       | 22.8        | 78         | 18.8       | 1.6           | SE          | 0.80        | 8.0         | SSE       | 22.8          | 23.8          | 23.8         | 755.9 | 0.00 | 0.0          | 0.000       | 0.094       | 25.1       |
| 15/05/16 | 7:30p  | 22.7        | 22.8       | 22.6        | 78         | 18.6       | 0.0           | NE          | 0.00        | 3.2         | SSE       | 22.7          | 23.6          | 23.6         | 756.4 | 0.00 | 0.0          | 0.000       | 0.090       | 25.0       |
| 15/05/16 | 8:00p  | 22.7        | 22.8       | 22.6        | 67         | 16.3       | 0.0           | NE          | 0.00        | 4.8         | NE        | 22.7          | 23.2          | 23.2         | 756.3 | 0.00 | 0.0          | 0.000       | 0.091       | 24.8       |
| 15/05/16 | 8:30p  | 22.3        | 22.7       | 22.2        | 68         | 16.1       | 0.0           | W           | 0.00        | 6.4         | ENE       | 22.3          | 22.6          | 22.6         | 757.0 | 0.00 | 0.0          | 0.000       | 0.082       | 24.7       |
| 15/05/16 | 9:00p  | 21.7        | 22.3       | 21.7        | 70         | 16.0       | 0.0           | NE          | 0.00        | 8.0         | NNE       | 21.7          | 21.9          | 21.9         | 757.3 | 0.00 | 0.0          | 0.000       | 0.071       | 24.6       |
| 15/05/16 | 9:30p  | 21.3        | 21.7       | 21.3        | 72         | 16.0       | 0.0           | NE          | 0.00        | 6.4         | NE        | 21.3          | 21.5          | 21.5         | 757.8 | 0.00 | 0.0          | 0.000       | 0.061       | 24.4       |
| 15/05/16 | 10:00p | 20.9        | 21.3       | 20.9        | 74         | 16.1       | 0.0           | NE          | 0.00        | 6.4         | NE        | 20.9          | 21.3          | 21.3         | 758.2 | 0.00 | 0.0          | 0.000       | 0.054       | 24.3       |
| 15/05/16 | 10:30p | 20.3        | 20.9       | 20.3        | 77         | 16.2       | 0.0           | NE          | 0.00        | 6.4         | ENE       | 20.3          | 20.9          | 20.9         | 758.5 | 0.00 | 0.0          | 0.000       | 0.042       | 24.1       |
| 15/05/16 | 11:00p | 19.8        | 20.4       | 19.8        | 79         | 16.0       | 0.0           | NE          | 0.00        | 4.8         | E         | 19.8          | 20.4          | 20.4         | 758.8 | 0.00 | 0.0          | 0.000       | 0.030       | 24.0       |
| 15/05/16 | 11:30p | 19.6        | 19.8       | 19.6        | 80         | 16.0       | 0.0           | ENE         | 0.00        | 6.4         | ENE       | 19.6          | 20.2          | 20.2         | 758.7 | 0.00 | 0.0          | 0.000       | 0.025       | 23.9       |
| 16/05/16 | 12:00a | 19.2        | 19.6       | 19.2        | 82         | 16.0       | 0.0           | WSW         | 0.00        | 3.2         | W         | 19.2          | 19.8          | 19.8         | 758.9 | 0.00 | 0.0          | 0.000       | 0.017       | 23.8       |

| Date     | Time   | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 15/05/16 | 12:30a | 65     | 16.1   | 23.6    | 11.85  | .0730          | 702       | 1       | 100.0      | 30        |
| 15/05/16 | 1:00a  | 65     | 16.0   | 23.4    | 11.85  | .0730          | 697       | 1       | 100.0      | 30        |
| 15/05/16 | 1:30a  | 66     | 16.2   | 23.4    | 12.09  | .0730          | 698       | 1       | 100.0      | 30        |
| 15/05/16 | 2:00a  | 67     | 16.3   | 23.2    | 12.29  | .0730          | 702       | 1       | 100.0      | 30        |
| 15/05/16 | 2:30a  | 67     | 16.3   | 23.2    | 12.29  | .0730          | 703       | 1       | 100.0      | 30        |
| 15/05/16 | 3:00a  | 67     | 16.2   | 23.1    | 12.29  | .0730          | 693       | 1       | 100.0      | 30        |
| 15/05/16 | 3:30a  | 67     | 16.2   | 23.0    | 12.30  | .0730          | 703       | 1       | 100.0      | 30        |
| 15/05/16 | 4:00a  | 67     | 16.1   | 22.9    | 12.30  | .0730          | 702       | 1       | 100.0      | 30        |
| 15/05/16 | 4:30a  | 67     | 16.1   | 22.9    | 12.30  | .0730          | 693       | 1       | 100.0      | 30        |
| 15/05/16 | 5:00a  | 67     | 16.1   | 22.9    | 12.30  | .0730          | 703       | 1       | 100.0      | 30        |
| 15/05/16 | 5:30a  | 68     | 16.2   | 22.8    | 12.55  | .0730          | 702       | 1       | 100.0      | 30        |
| 15/05/16 | 6:00a  | 68     | 16.2   | 22.8    | 12.55  | .0731          | 694       | 1       | 100.0      | 30        |
| 15/05/16 | 6:30a  | 68     | 16.1   | 22.6    | 12.55  | .0731          | 702       | 1       | 100.0      | 30        |
| 15/05/16 | 7:00a  | 68     | 16.1   | 22.6    | 12.55  | .0732          | 703       | 1       | 100.0      | 30        |
| 15/05/16 | 7:30a  | 68     | 16.1   | 22.7    | 12.55  | .0732          | 694       | 1       | 100.0      | 30        |
| 15/05/16 | 8:00a  | 66     | 16.8   | 24.2    | 12.06  | .0729          | 701       | 1       | 100.0      | 30        |
| 15/05/16 | 8:30a  | 63     | 16.8   | 24.9    | 11.43  | .0726          | 703       | 1       | 100.0      | 30        |
| 15/05/16 | 9:00a  | 62     | 17.1   | 25.4    | 11.22  | .0725          | 702       | 1       | 100.0      | 30        |
| 15/05/16 | 9:30a  | 61     | 17.1   | 25.6    | 11.01  | .0724          | 692       | 1       | 100.0      | 30        |
| 15/05/16 | 10:00a | 60     | 17.0   | 25.8    | 10.85  | .0723          | 702       | 1       | 100.0      | 30        |
| 15/05/16 | 10:30a | 60     | 17.0   | 25.8    | 10.85  | .0723          | 703       | 1       | 100.0      | 30        |
| 15/05/16 | 11:00a | 59     | 16.8   | 25.8    | 10.64  | .0723          | 695       | 1       | 100.0      | 30        |
| 15/05/16 | 11:30a | 59     | 16.8   | 25.8    | 10.64  | .0723          | 700       | 1       | 100.0      | 30        |
| 15/05/16 | 12:00p | 58     | 16.6   | 25.8    | 10.44  | .0723          | 703       | 1       | 100.0      | 30        |
| 15/05/16 | 12:30p | 58     | 16.6   | 25.9    | 10.43  | .0722          | 695       | 1       | 100.0      | 30        |
| 15/05/16 | 1:00p  | 58     | 16.7   | 25.9    | 10.43  | .0722          | 703       | 1       | 100.0      | 30        |
| 15/05/16 | 1:30p  | 57     | 16.4   | 25.9    | 10.23  | .0722          | 695       | 1       | 100.0      | 30        |
| 15/05/16 | 2:00p  | 56     | 16.2   | 25.9    | 10.13  | .0722          | 703       | 1       | 100.0      | 30        |
| 15/05/16 | 2:30p  | 56     | 16.2   | 26.0    | 10.12  | .0721          | 697       | 1       | 100.0      | 30        |
| 15/05/16 | 3:00p  | 56     | 16.2   | 26.0    | 10.12  | .0721          | 701       | 1       | 100.0      | 30        |
| 15/05/16 | 3:30p  | 55     | 16.0   | 26.0    | 9.92   | .0720          | 703       | 1       | 100.0      | 30        |
| 15/05/16 | 4:00p  | 55     | 16.0   | 26.0    | 9.92   | .0720          | 694       | 1       | 100.0      | 30        |
| 15/05/16 | 4:30p  | 55     | 16.0   | 26.0    | 9.92   | .0720          | 703       | 1       | 100.0      | 30        |
| 15/05/16 | 5:00p  | 56     | 16.2   | 26.0    | 10.12  | .0720          | 702       | 1       | 100.0      | 30        |
| 15/05/16 | 5:30p  | 56     | 16.1   | 25.9    | 10.13  | .0720          | 693       | 1       | 100.0      | 30        |
| 15/05/16 | 6:00p  | 57     | 16.3   | 25.8    | 10.24  | .0720          | 702       | 1       | 100.0      | 30        |
| 15/05/16 | 6:30p  | 57     | 16.1   | 25.6    | 10.25  | .0721          | 702       | 1       | 100.0      | 30        |
| 15/05/16 | 7:00p  | 58     | 16.3   | 25.4    | 10.46  | .0722          | 703       | 1       | 100.0      | 30        |
| 15/05/16 | 7:30p  | 59     | 16.4   | 25.4    | 10.67  | .0722          | 691       | 1       | 100.0      | 30        |
| 15/05/16 | 8:00p  | 60     | 16.5   | 25.3    | 10.88  | .0723          | 703       | 1       | 100.0      | 30        |
| 15/05/16 | 8:30p  | 60     | 16.4   | 25.2    | 10.89  | .0724          | 702       | 1       | 100.0      | 30        |
| 15/05/16 | 9:00p  | 61     | 16.6   | 25.1    | 11.02  | .0724          | 701       | 1       | 100.0      | 30        |
| 15/05/16 | 9:30p  | 61     | 16.4   | 24.8    | 11.03  | .0725          | 693       | 1       | 100.0      | 30        |
| 15/05/16 | 10:00p | 61     | 16.3   | 24.8    | 11.04  | .0726          | 702       | 1       | 100.0      | 30        |
| 15/05/16 | 10:30p | 62     | 16.4   | 24.7    | 11.24  | .0727          | 703       | 1       | 100.0      | 30        |
| 15/05/16 | 11:00p | 62     | 16.3   | 24.6    | 11.25  | .0727          | 697       | 1       | 100.0      | 30        |
| 15/05/16 | 11:30p | 63     | 16.4   | 24.5    | 11.45  | .0727          | 698       | 1       | 100.0      | 30        |
| 16/05/16 | 12:00a | 63     | 16.3   | 24.4    | 11.45  | .0728          | 702       | 1       | 100.0      | 30        |