

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 15/10/17 | 12:30a | 17.1        | 17.3       | 17.1        | 97         | 16.6       | 0.0           | NW          | 0.00        | 4.8         | N         | 17.1          | 17.5          | 17.5         | 1013.0 | 0.00 | 0.0          | 0.027       | 0.000       | 21.3       |
| 15/10/17 | 1:00a  | 17.1        | 17.1       | 17.0        | 98         | 16.7       | 0.0           | WNW         | 0.00        | 3.2         | SW        | 17.1          | 17.6          | 17.6         | 1012.8 | 0.00 | 0.0          | 0.027       | 0.000       | 21.3       |
| 15/10/17 | 1:30a  | 17.1        | 17.1       | 17.1        | 97         | 16.6       | 0.0           | NW          | 0.00        | 4.8         | NNE       | 17.1          | 17.5          | 17.5         | 1012.7 | 0.00 | 0.0          | 0.027       | 0.000       | 21.2       |
| 15/10/17 | 2:00a  | 17.0        | 17.1       | 16.9        | 97         | 16.5       | 0.0           | NE          | 0.00        | 3.2         | ENE       | 17.0          | 17.4          | 17.4         | 1012.1 | 0.00 | 0.0          | 0.028       | 0.000       | 21.2       |
| 15/10/17 | 2:30a  | 16.9        | 17.0       | 16.9        | 97         | 16.4       | 0.0           | ENE         | 0.00        | 3.2         | WSW       | 16.9          | 17.3          | 17.3         | 1012.1 | 0.00 | 0.0          | 0.030       | 0.000       | 21.2       |
| 15/10/17 | 3:00a  | 16.7        | 16.9       | 16.7        | 98         | 16.4       | 0.0           | NE          | 0.00        | 3.2         | ENE       | 16.7          | 17.2          | 17.2         | 1012.1 | 0.00 | 0.0          | 0.034       | 0.000       | 21.2       |
| 15/10/17 | 3:30a  | 16.6        | 16.7       | 16.6        | 98         | 16.2       | 0.0           | NE          | 0.00        | 4.8         | SE        | 16.6          | 16.9          | 16.9         | 1012.3 | 0.00 | 0.0          | 0.037       | 0.000       | 21.2       |
| 15/10/17 | 4:00a  | 16.4        | 16.6       | 16.4        | 98         | 16.1       | 0.0           | ENE         | 0.00        | 3.2         | ENE       | 16.4          | 16.8          | 16.8         | 1012.3 | 0.00 | 0.0          | 0.041       | 0.000       | 21.1       |
| 15/10/17 | 4:30a  | 16.4        | 16.4       | 16.3        | 98         | 16.1       | 0.0           | NNE         | 0.00        | 3.2         | NNE       | 16.4          | 16.8          | 16.8         | 1012.5 | 0.00 | 0.0          | 0.041       | 0.000       | 21.1       |
| 15/10/17 | 5:00a  | 16.5        | 16.5       | 16.3        | 98         | 16.2       | 0.0           | ENE         | 0.00        | 1.6         | ENE       | 16.5          | 16.9          | 16.9         | 1012.8 | 0.00 | 0.0          | 0.038       | 0.000       | 21.1       |
| 15/10/17 | 5:30a  | 16.5        | 16.6       | 16.5        | 98         | 16.2       | 0.0           | NE          | 0.00        | 3.2         | NE        | 16.5          | 16.9          | 16.9         | 1012.9 | 0.00 | 0.0          | 0.038       | 0.000       | 21.1       |
| 15/10/17 | 6:00a  | 16.3        | 16.6       | 16.3        | 98         | 16.0       | 0.0           | N           | 0.00        | 1.6         | N         | 16.3          | 16.7          | 16.7         | 1013.3 | 0.00 | 0.0          | 0.042       | 0.000       | 21.1       |
| 15/10/17 | 6:30a  | 16.4        | 16.4       | 16.3        | 98         | 16.1       | 0.0           | ENE         | 0.00        | 6.4         | ESE       | 16.4          | 16.8          | 16.8         | 1013.9 | 0.00 | 0.0          | 0.039       | 0.000       | 21.1       |
| 15/10/17 | 7:00a  | 16.8        | 16.8       | 16.4        | 98         | 16.5       | 0.0           | WSW         | 0.00        | 4.8         | ESE       | 16.8          | 17.2          | 17.2         | 1014.2 | 0.00 | 0.0          | 0.032       | 0.000       | 21.1       |
| 15/10/17 | 7:30a  | 17.4        | 17.4       | 16.7        | 96         | 16.7       | 0.0           | ENE         | 0.00        | 6.4         | N         | 17.4          | 17.9          | 17.9         | 1014.3 | 0.00 | 0.0          | 0.020       | 0.000       | 21.2       |
| 15/10/17 | 8:00a  | 17.7        | 17.7       | 17.3        | 95         | 16.9       | 0.0           | NE          | 0.00        | 4.8         | NE        | 17.7          | 18.2          | 18.2         | 1014.7 | 0.00 | 0.0          | 0.014       | 0.000       | 21.3       |
| 15/10/17 | 8:30a  | 18.7        | 18.7       | 17.7        | 93         | 17.5       | 0.0           | NNE         | 0.00        | 6.4         | NNE       | 18.7          | 19.4          | 19.4         | 1015.1 | 0.00 | 0.0          | 0.000       | 0.007       | 21.4       |
| 15/10/17 | 9:00a  | 19.3        | 19.4       | 18.7        | 90         | 17.7       | 0.0           | NE          | 0.00        | 4.8         | NNE       | 19.3          | 20.2          | 20.2         | 1015.2 | 0.00 | 0.0          | 0.000       | 0.021       | 21.7       |
| 15/10/17 | 9:30a  | 20.7        | 20.7       | 19.3        | 86         | 18.3       | 0.0           | NE          | 0.00        | 9.7         | E         | 20.7          | 21.7          | 21.7         | 1015.2 | 0.00 | 0.0          | 0.000       | 0.050       | 21.8       |
| 15/10/17 | 10:00a | 21.6        | 21.6       | 20.7        | 81         | 18.2       | 1.6           | NE          | 0.80        | 9.7         | NE        | 21.6          | 22.4          | 22.4         | 1015.1 | 0.00 | 0.0          | 0.000       | 0.068       | 22.2       |
| 15/10/17 | 10:30a | 22.3        | 22.3       | 21.6        | 79         | 18.5       | 1.6           | NW          | 0.80        | 9.7         | NNE       | 22.3          | 23.1          | 23.1         | 1014.9 | 0.00 | 0.0          | 0.000       | 0.083       | 22.4       |
| 15/10/17 | 11:00a | 22.1        | 22.8       | 22.1        | 79         | 18.3       | 1.6           | NE          | 0.80        | 8.0         | NNW       | 22.1          | 22.8          | 22.8         | 1014.5 | 0.00 | 0.0          | 0.000       | 0.079       | 22.6       |
| 15/10/17 | 11:30a | 22.6        | 22.6       | 21.6        | 78         | 18.6       | 1.6           | NE          | 0.80        | 8.0         | NNE       | 22.6          | 23.4          | 23.4         | 1014.1 | 0.00 | 0.0          | 0.000       | 0.089       | 22.7       |
| 15/10/17 | 12:00p | 22.5        | 22.6       | 22.1        | 79         | 18.7       | 1.6           | NE          | 0.80        | 8.0         | ENE       | 22.5          | 23.3          | 23.3         | 1013.3 | 0.00 | 0.0          | 0.000       | 0.087       | 22.8       |
| 15/10/17 | 12:30p | 23.5        | 24.0       | 22.5        | 76         | 19.0       | 1.6           | ENE         | 0.80        | 8.0         | NE        | 23.5          | 24.6          | 24.6         | 1013.0 | 0.00 | 0.0          | 0.000       | 0.108       | 22.8       |
| 15/10/17 | 1:00p  | 23.9        | 23.9       | 23.4        | 72         | 18.6       | 1.6           | NE          | 0.80        | 11.3        | E         | 23.9          | 25.0          | 25.0         | 1012.4 | 0.00 | 0.0          | 0.000       | 0.117       | 22.9       |
| 15/10/17 | 1:30p  | 24.0        | 24.1       | 23.8        | 70         | 18.2       | 1.6           | NE          | 0.80        | 11.3        | NNE       | 24.0          | 24.9          | 24.9         | 1011.6 | 0.00 | 0.0          | 0.000       | 0.118       | 23.1       |
| 15/10/17 | 2:00p  | 23.9        | 24.3       | 23.9        | 71         | 18.4       | 1.6           | NE          | 0.80        | 8.0         | NE        | 23.9          | 24.9          | 24.9         | 1011.2 | 0.00 | 0.0          | 0.000       | 0.117       | 23.1       |
| 15/10/17 | 2:30p  | 23.8        | 24.1       | 23.7        | 73         | 18.7       | 1.6           | NE          | 0.80        | 6.4         | NE        | 23.8          | 24.9          | 24.9         | 1010.9 | 0.00 | 0.0          | 0.000       | 0.115       | 23.2       |
| 15/10/17 | 3:00p  | 23.4        | 23.9       | 23.4        | 75         | 18.8       | 1.6           | NE          | 0.80        | 4.8         | NE        | 23.4          | 24.5          | 24.5         | 1010.7 | 0.00 | 0.0          | 0.000       | 0.106       | 23.2       |
| 15/10/17 | 3:30p  | 23.8        | 23.9       | 23.4        | 73         | 18.7       | 0.0           | NE          | 0.00        | 6.4         | N         | 23.8          | 24.9          | 24.9         | 1010.7 | 0.00 | 0.0          | 0.000       | 0.115       | 23.2       |
| 15/10/17 | 4:00p  | 23.2        | 23.9       | 23.2        | 73         | 18.1       | 0.0           | N           | 0.00        | 9.7         | E         | 23.2          | 24.2          | 24.2         | 1010.8 | 0.00 | 0.0          | 0.000       | 0.102       | 23.2       |
| 15/10/17 | 4:30p  | 22.3        | 23.2       | 22.3        | 80         | 18.7       | 0.0           | SW          | 0.00        | 6.4         | NE        | 22.3          | 23.1          | 23.1         | 1011.0 | 0.00 | 0.0          | 0.000       | 0.082       | 23.1       |
| 15/10/17 | 5:00p  | 21.5        | 22.3       | 21.5        | 86         | 19.1       | 0.0           | WNW         | 0.00        | 6.4         | NW        | 21.5          | 22.5          | 22.5         | 1011.3 | 0.00 | 0.0          | 0.000       | 0.066       | 23.1       |
| 15/10/17 | 5:30p  | 20.4        | 21.5       | 20.4        | 91         | 18.9       | 0.0           | NE          | 0.00        | 6.4         | NE        | 20.4          | 21.5          | 21.5         | 1011.9 | 0.00 | 0.0          | 0.000       | 0.043       | 22.8       |
| 15/10/17 | 6:00p  | 19.5        | 20.4       | 19.5        | 92         | 18.2       | 0.0           | NE          | 0.00        | 4.8         | NE        | 19.5          | 20.4          | 20.4         | 1012.4 | 0.00 | 0.0          | 0.000       | 0.024       | 22.6       |
| 15/10/17 | 6:30p  | 18.9        | 19.5       | 18.9        | 94         | 18.0       | 0.0           | NNE         | 0.00        | 3.2         | S         | 18.9          | 19.7          | 19.7         | 1012.7 | 0.00 | 0.0          | 0.000       | 0.013       | 22.4       |
| 15/10/17 | 7:00p  | 18.6        | 18.9       | 18.6        | 94         | 17.6       | 0.0           | NE          | 0.00        | 4.8         | NE        | 18.6          | 19.3          | 19.3         | 1013.5 | 0.00 | 0.0          | 0.000       | 0.006       | 22.3       |
| 15/10/17 | 7:30p  | 18.7        | 18.7       | 18.6        | 92         | 17.4       | 0.0           | N           | 0.00        | 1.6         | SE        | 18.7          | 19.4          | 19.4         | 1014.1 | 0.00 | 0.0          | 0.000       | 0.008       | 22.2       |
| 15/10/17 | 8:00p  | 18.4        | 18.7       | 18.4        | 92         | 17.1       | 0.0           | NE          | 0.00        | 6.4         | ENE       | 18.4          | 19.0          | 19.0         | 1014.3 | 0.00 | 0.0          | 0.000       | 0.001       | 22.1       |
| 15/10/17 | 8:30p  | 17.9        | 18.4       | 17.9        | 95         | 17.1       | 0.0           | ENE         | 0.00        | 8.0         | NE        | 17.9          | 18.4          | 18.4         | 1014.6 | 0.00 | 0.0          | 0.009       | 0.000       | 21.9       |
| 15/10/17 | 9:00p  | 17.7        | 17.9       | 17.7        | 97         | 17.2       | 0.0           | NE          | 0.00        | 4.8         | E         | 17.7          | 18.2          | 18.2         | 1014.8 | 0.00 | 0.0          | 0.014       | 0.000       | 21.8       |
| 15/10/17 | 9:30p  | 17.7        | 17.7       | 17.6        | 97         | 17.2       | 0.0           | NE          | 0.00        | 8.0         | E         | 17.7          | 18.2          | 18.2         | 1014.8 | 0.00 | 0.0          | 0.014       | 0.000       | 21.7       |
| 15/10/17 | 10:00p | 17.6        | 17.7       | 17.6        | 96         | 16.9       | 0.0           | NW          | 0.00        | 8.0         | NE        | 17.6          | 18.1          | 18.1         | 1014.6 | 0.00 | 0.0          | 0.016       | 0.000       | 21.7       |
| 15/10/17 | 10:30p | 17.4        | 17.6       | 17.4        | 97         | 16.9       | 0.0           | NE          | 0.00        | 3.2         | ESE       | 17.4          | 17.9          | 17.9         | 1014.7 | 0.00 | 0.0          | 0.020       | 0.000       | 21.6       |
| 15/10/17 | 11:00p | 17.4        | 17.5       | 17.4        | 97         | 17.0       | 0.0           | NE          | 0.00        | 4.8         | ENE       | 17.4          | 17.9          | 17.9         | 1014.5 | 0.00 | 0.0          | 0.019       | 0.000       | 21.6       |
| 15/10/17 | 11:30p | 17.4        | 17.4       | 17.4        | 96         | 16.7       | 0.0           | ENE         | 0.00        | 4.8         | NW        | 17.4          | 17.9          | 17.9         | 1014.3 | 0.00 | 0.0          | 0.020       | 0.000       | 21.5       |
| 16/10/17 | 12:00a | 17.1        | 17.4       | 17.1        | 97         | 16.6       | 0.0           | ENE         | 0.00        | 6.4         | NNE       | 17.1          | 17.6          | 17.6         | 1014.1 | 0.00 | 0.0          | 0.025       | 0.000       | 21.4       |

| Date     | Time   | In<br>Hum | In<br>Dew | In<br>Heat | In<br>EMC | In Air<br>Density | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|--------|-----------|-----------|------------|-----------|-------------------|--------------|------------|---------------|--------------|
| 15/10/17 | 12:30a | 78        | 17.3      | 21.9       | 15.34     | .0734             | 696          | 1          | 100.0         | 30           |
| 15/10/17 | 1:00a  | 78        | 17.3      | 21.8       | 15.34     | .0734             | 703          | 1          | 100.0         | 30           |
| 15/10/17 | 1:30a  | 78        | 17.2      | 21.7       | 15.35     | .0734             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 2:00a  | 78        | 17.2      | 21.7       | 15.35     | .0734             | 693          | 1          | 100.0         | 30           |
| 15/10/17 | 2:30a  | 78        | 17.2      | 21.7       | 15.35     | .0734             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 3:00a  | 78        | 17.2      | 21.7       | 15.35     | .0734             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 3:30a  | 78        | 17.2      | 21.7       | 15.35     | .0734             | 697          | 1          | 100.0         | 30           |
| 15/10/17 | 4:00a  | 78        | 17.1      | 21.6       | 15.35     | .0734             | 699          | 1          | 100.0         | 30           |
| 15/10/17 | 4:30a  | 78        | 17.1      | 21.6       | 15.35     | .0734             | 703          | 1          | 100.0         | 30           |
| 15/10/17 | 5:00a  | 78        | 17.1      | 21.6       | 15.35     | .0734             | 701          | 1          | 100.0         | 30           |
| 15/10/17 | 5:30a  | 79        | 17.3      | 21.6       | 15.76     | .0735             | 694          | 1          | 100.0         | 30           |
| 15/10/17 | 6:00a  | 79        | 17.3      | 21.6       | 15.76     | .0735             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 6:30a  | 79        | 17.3      | 21.6       | 15.76     | .0735             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 7:00a  | 79        | 17.3      | 21.6       | 15.76     | .0736             | 693          | 1          | 100.0         | 30           |
| 15/10/17 | 7:30a  | 78        | 17.2      | 21.7       | 15.35     | .0735             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 8:00a  | 78        | 17.3      | 21.8       | 15.34     | .0735             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 8:30a  | 77        | 17.2      | 21.9       | 14.95     | .0735             | 701          | 1          | 100.0         | 30           |
| 15/10/17 | 9:00a  | 77        | 17.5      | 22.2       | 14.95     | .0735             | 693          | 1          | 100.0         | 30           |
| 15/10/17 | 9:30a  | 77        | 17.6      | 22.4       | 14.95     | .0734             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 10:00a | 76        | 17.7      | 22.8       | 14.71     | .0733             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 10:30a | 75        | 17.8      | 23.1       | 14.40     | .0732             | 701          | 1          | 100.0         | 30           |
| 15/10/17 | 11:00a | 75        | 18.0      | 23.3       | 14.40     | .0731             | 695          | 1          | 100.0         | 30           |
| 15/10/17 | 11:30a | 74        | 17.8      | 23.5       | 14.13     | .0731             | 703          | 1          | 100.0         | 30           |
| 15/10/17 | 12:00p | 74        | 17.9      | 23.6       | 14.13     | .0730             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 12:30p | 74        | 18.0      | 23.7       | 14.13     | .0730             | 694          | 1          | 100.0         | 30           |
| 15/10/17 | 1:00p  | 74        | 18.1      | 23.8       | 14.12     | .0729             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 1:30p  | 73        | 18.0      | 23.9       | 13.81     | .0728             | 703          | 1          | 100.0         | 30           |
| 15/10/17 | 2:00p  | 73        | 18.0      | 24.0       | 13.81     | .0728             | 700          | 1          | 100.0         | 30           |
| 15/10/17 | 2:30p  | 73        | 18.1      | 24.1       | 13.80     | .0727             | 693          | 1          | 100.0         | 30           |
| 15/10/17 | 3:00p  | 73        | 18.1      | 24.1       | 13.80     | .0727             | 703          | 1          | 100.0         | 30           |
| 15/10/17 | 3:30p  | 73        | 18.1      | 24.1       | 13.80     | .0727             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 4:00p  | 73        | 18.1      | 24.1       | 13.80     | .0727             | 700          | 1          | 100.0         | 30           |
| 15/10/17 | 4:30p  | 73        | 18.0      | 24.0       | 13.81     | .0727             | 693          | 1          | 100.0         | 30           |
| 15/10/17 | 5:00p  | 74        | 18.2      | 23.9       | 14.11     | .0728             | 703          | 1          | 100.0         | 30           |
| 15/10/17 | 5:30p  | 75        | 18.2      | 23.7       | 14.39     | .0729             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 6:00p  | 75        | 18.0      | 23.3       | 14.40     | .0730             | 699          | 1          | 100.0         | 30           |
| 15/10/17 | 6:30p  | 76        | 18.0      | 23.2       | 14.70     | .0730             | 696          | 1          | 100.0         | 30           |
| 15/10/17 | 7:00p  | 76        | 17.9      | 23.0       | 14.71     | .0731             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 7:30p  | 77        | 18.0      | 22.9       | 14.95     | .0732             | 703          | 1          | 100.0         | 30           |
| 15/10/17 | 8:00p  | 77        | 17.9      | 22.7       | 14.95     | .0732             | 692          | 1          | 100.0         | 30           |
| 15/10/17 | 8:30p  | 77        | 17.7      | 22.6       | 14.95     | .0733             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 9:00p  | 78        | 17.8      | 22.4       | 15.32     | .0734             | 702          | 1          | 100.0         | 30           |
| 15/10/17 | 9:30p  | 78        | 17.7      | 22.3       | 15.33     | .0734             | 701          | 1          | 100.0         | 30           |
| 15/10/17 | 10:00p | 78        | 17.7      | 22.3       | 15.33     | .0734             | 694          | 1          | 100.0         | 30           |
| 15/10/17 | 10:30p | 78        | 17.6      | 22.2       | 15.33     | .0734             | 701          | 1          | 100.0         | 30           |
| 15/10/17 | 11:00p | 78        | 17.6      | 22.2       | 15.33     | .0734             | 703          | 1          | 100.0         | 30           |
| 15/10/17 | 11:30p | 79        | 17.7      | 22.1       | 15.74     | .0734             | 692          | 1          | 100.0         | 30           |
| 16/10/17 | 12:00a | 79        | 17.6      | 22.1       | 15.74     | .0734             | 702          | 1          | 100.0         | 30           |