

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 20/02/17 | 12:30a | 15.7        | 15.7       | 15.7        | 95         | 14.9       | 0.0           | SE          | 0.00        | 1.6         | SE        | 15.7          | 15.9          | 15.9         | 1012.9 | 0.00 | 0.0          | 0.056       | 0.000       | 22.0       |
| 20/02/17 | 1:00a  | 15.2        | 15.7       | 15.2        | 95         | 14.4       | 0.0           | SE          | 0.00        | 3.2         | ESE       | 15.2          | 15.4          | 15.4         | 1012.5 | 0.00 | 0.0          | 0.066       | 0.000       | 21.9       |
| 20/02/17 | 1:30a  | 15.5        | 15.5       | 15.2        | 94         | 14.5       | 0.0           | SE          | 0.00        | 3.2         | SE        | 15.5          | 15.7          | 15.7         | 1012.1 | 0.00 | 0.0          | 0.059       | 0.000       | 21.9       |
| 20/02/17 | 2:00a  | 15.1        | 15.5       | 15.0        | 94         | 14.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.1          | 15.3          | 15.3         | 1011.9 | 0.00 | 0.0          | 0.068       | 0.000       | 21.9       |
| 20/02/17 | 2:30a  | 14.5        | 15.0       | 14.5        | 94         | 13.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 14.5          | 14.7          | 14.7         | 1011.6 | 0.00 | 0.0          | 0.080       | 0.000       | 21.8       |
| 20/02/17 | 3:00a  | 14.4        | 14.7       | 14.4        | 95         | 13.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 14.4          | 14.6          | 14.6         | 1011.6 | 0.00 | 0.0          | 0.082       | 0.000       | 21.8       |
| 20/02/17 | 3:30a  | 14.4        | 14.4       | 14.3        | 96         | 13.8       | 0.0           | ---         | 0.00        | 0.0         | ---       | 14.4          | 14.6          | 14.6         | 1011.6 | 0.00 | 0.0          | 0.082       | 0.000       | 21.7       |
| 20/02/17 | 4:00a  | 14.1        | 14.4       | 14.1        | 95         | 13.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 14.1          | 14.2          | 14.2         | 1011.5 | 0.00 | 0.0          | 0.088       | 0.000       | 21.7       |
| 20/02/17 | 4:30a  | 13.3        | 14.1       | 13.3        | 95         | 12.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 13.3          | 13.4          | 13.4         | 1011.5 | 0.00 | 0.0          | 0.104       | 0.000       | 21.6       |
| 20/02/17 | 5:00a  | 12.9        | 13.3       | 12.9        | 96         | 12.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 12.9          | 13.0          | 13.0         | 1011.9 | 0.00 | 0.0          | 0.113       | 0.000       | 21.4       |
| 20/02/17 | 5:30a  | 13.3        | 13.3       | 12.7        | 97         | 12.9       | 0.0           | ---         | 0.00        | 0.0         | ---       | 13.3          | 13.5          | 13.5         | 1012.2 | 0.00 | 0.0          | 0.104       | 0.000       | 21.4       |
| 20/02/17 | 6:00a  | 13.7        | 13.7       | 13.3        | 97         | 13.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 13.7          | 13.8          | 13.8         | 1012.5 | 0.00 | 0.0          | 0.097       | 0.000       | 21.4       |
| 20/02/17 | 6:30a  | 14.1        | 14.1       | 13.7        | 97         | 13.6       | 0.0           | ---         | 0.00        | 0.0         | ---       | 14.1          | 14.2          | 14.2         | 1012.7 | 0.00 | 0.0          | 0.089       | 0.000       | 21.4       |
| 20/02/17 | 7:00a  | 14.5        | 14.6       | 14.1        | 95         | 13.7       | 0.0           | WNW         | 0.00        | 3.2         | S         | 14.5          | 14.7          | 14.7         | 1012.8 | 0.00 | 0.0          | 0.080       | 0.000       | 21.4       |
| 20/02/17 | 7:30a  | 15.1        | 15.1       | 14.5        | 96         | 14.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.1          | 15.3          | 15.3         | 1012.9 | 0.00 | 0.0          | 0.068       | 0.000       | 21.6       |
| 20/02/17 | 8:00a  | 15.4        | 15.4       | 15.1        | 94         | 14.5       | 0.0           | SE          | 0.00        | 3.2         | SE        | 15.4          | 15.7          | 15.7         | 1013.4 | 0.00 | 0.0          | 0.060       | 0.000       | 21.7       |
| 20/02/17 | 8:30a  | 16.7        | 16.7       | 15.3        | 93         | 15.6       | 0.0           | WNW         | 0.00        | 3.2         | S         | 16.7          | 17.1          | 17.1         | 1013.7 | 0.00 | 0.0          | 0.034       | 0.000       | 22.0       |
| 20/02/17 | 9:00a  | 19.6        | 19.6       | 16.7        | 84         | 16.8       | 0.0           | WNW         | 0.00        | 3.2         | ENE       | 19.6          | 20.3          | 20.3         | 1013.7 | 0.00 | 0.0          | 0.000       | 0.025       | 22.4       |
| 20/02/17 | 9:30a  | 21.8        | 21.8       | 19.6        | 71         | 16.3       | 1.6           | SE          | 0.80        | 12.9        | SSE       | 21.8          | 22.1          | 22.1         | 1013.5 | 0.00 | 0.0          | 0.000       | 0.072       | 22.9       |
| 20/02/17 | 10:00a | 22.3        | 22.3       | 21.7        | 68         | 16.1       | 1.6           | NE          | 0.80        | 9.7         | ESE       | 22.3          | 22.7          | 22.7         | 1013.4 | 0.00 | 0.0          | 0.000       | 0.083       | 23.2       |
| 20/02/17 | 10:30a | 22.7        | 22.7       | 22.3        | 66         | 16.0       | 1.6           | ESE         | 0.80        | 16.1        | E         | 22.7          | 23.1          | 23.1         | 1013.1 | 0.00 | 0.0          | 0.000       | 0.091       | 23.4       |
| 20/02/17 | 11:00a | 24.1        | 24.1       | 22.7        | 59         | 15.5       | 3.2           | ESE         | 1.61        | 14.5        | ESE       | 24.1          | 24.5          | 24.5         | 1012.6 | 0.00 | 0.0          | 0.000       | 0.119       | 23.7       |
| 20/02/17 | 11:30a | 24.0        | 24.8       | 23.8        | 58         | 15.2       | 3.2           | NW          | 1.61        | 12.9        | WNW       | 24.0          | 24.4          | 24.4         | 1012.1 | 0.00 | 0.0          | 0.000       | 0.118       | 23.9       |
| 20/02/17 | 12:00p | 24.1        | 24.6       | 23.9        | 60         | 15.8       | 3.2           | NW          | 1.61        | 16.1        | SSW       | 24.1          | 24.5          | 24.5         | 1011.4 | 0.00 | 0.0          | 0.000       | 0.119       | 24.1       |
| 20/02/17 | 12:30p | 24.7        | 24.7       | 23.5        | 58         | 15.8       | 3.2           | SE          | 1.61        | 12.9        | SE        | 24.7          | 25.0          | 25.0         | 1011.0 | 0.00 | 0.0          | 0.000       | 0.132       | 24.1       |
| 20/02/17 | 1:00p  | 24.7        | 24.7       | 24.3        | 58         | 15.9       | 4.8           | SE          | 2.41        | 17.7        | SSE       | 24.7          | 25.1          | 25.1         | 1010.4 | 0.00 | 0.0          | 0.000       | 0.133       | 24.3       |
| 20/02/17 | 1:30p  | 24.4        | 25.0       | 24.4        | 60         | 16.2       | 3.2           | SSE         | 1.61        | 14.5        | WNW       | 24.4          | 24.8          | 24.8         | 1009.9 | 0.00 | 0.0          | 0.000       | 0.127       | 24.4       |
| 20/02/17 | 2:00p  | 24.6        | 24.7       | 24.3        | 61         | 16.6       | 4.8           | SE          | 2.41        | 16.1        | NW        | 24.6          | 25.1          | 25.1         | 1009.2 | 0.00 | 0.0          | 0.000       | 0.131       | 24.4       |
| 20/02/17 | 2:30p  | 24.7        | 24.9       | 24.4        | 61         | 16.6       | 4.8           | SE          | 2.41        | 19.3        | SSE       | 24.7          | 25.1          | 25.1         | 1008.8 | 0.00 | 0.0          | 0.000       | 0.132       | 24.4       |
| 20/02/17 | 3:00p  | 23.8        | 24.7       | 23.8        | 64         | 16.6       | 6.4           | SE          | 3.22        | 20.9        | WNW       | 23.8          | 24.4          | 24.4         | 1008.6 | 0.00 | 0.0          | 0.000       | 0.113       | 24.4       |
| 20/02/17 | 3:30p  | 23.6        | 24.1       | 23.6        | 66         | 16.8       | 4.8           | ESE         | 2.41        | 24.1        | SE        | 23.6          | 24.3          | 24.3         | 1008.8 | 0.00 | 0.0          | 0.000       | 0.109       | 24.4       |
| 20/02/17 | 4:00p  | 22.8        | 23.6       | 22.7        | 67         | 16.3       | 4.8           | ESE         | 2.41        | 16.1        | NW        | 22.8          | 23.3          | 23.3         | 1008.8 | 0.00 | 0.0          | 0.000       | 0.093       | 24.3       |
| 20/02/17 | 4:30p  | 21.6        | 22.7       | 21.6        | 72         | 16.3       | 4.8           | E           | 2.41        | 16.1        | SSE       | 21.6          | 21.9          | 21.9         | 1009.2 | 0.00 | 0.0          | 0.000       | 0.068       | 24.2       |
| 20/02/17 | 5:00p  | 20.8        | 21.6       | 20.8        | 76         | 16.4       | 3.2           | E           | 1.61        | 20.9        | ESE       | 20.8          | 21.3          | 21.3         | 1009.6 | 0.00 | 0.0          | 0.000       | 0.051       | 24.1       |
| 20/02/17 | 5:30p  | 20.0        | 20.8       | 20.0        | 80         | 16.4       | 3.2           | E           | 1.61        | 12.9        | ESE       | 20.0          | 20.7          | 20.7         | 1009.8 | 0.00 | 0.0          | 0.000       | 0.035       | 23.8       |
| 20/02/17 | 6:00p  | 19.5        | 20.0       | 19.5        | 82         | 16.3       | 3.2           | ESE         | 1.61        | 16.1        | S         | 19.5          | 20.2          | 20.2         | 1009.8 | 0.00 | 0.0          | 0.000       | 0.024       | 23.7       |
| 20/02/17 | 6:30p  | 18.8        | 19.5       | 18.8        | 85         | 16.2       | 3.2           | SE          | 1.61        | 12.9        | SE        | 18.8          | 19.3          | 19.3         | 1010.3 | 0.00 | 0.0          | 0.000       | 0.009       | 23.6       |
| 20/02/17 | 7:00p  | 18.4        | 18.8       | 18.4        | 88         | 16.4       | 1.6           | SE          | 0.80        | 11.3        | E         | 18.4          | 18.9          | 18.9         | 1010.8 | 0.00 | 0.0          | 0.000       | 0.001       | 23.4       |
| 20/02/17 | 7:30p  | 18.4        | 18.4       | 18.3        | 88         | 16.4       | 0.0           | SE          | 0.00        | 4.8         | SE        | 18.4          | 18.9          | 18.9         | 1011.2 | 0.00 | 0.0          | 0.000       | 0.001       | 23.3       |
| 20/02/17 | 8:00p  | 18.3        | 18.4       | 18.3        | 87         | 16.1       | 1.6           | ESE         | 0.80        | 8.0         | WNW       | 18.3          | 18.8          | 18.8         | 1011.6 | 0.00 | 0.0          | 0.001       | 0.000       | 23.2       |
| 20/02/17 | 8:30p  | 18.0        | 18.3       | 18.0        | 89         | 16.2       | 0.0           | ESE         | 0.00        | 6.4         | E         | 18.0          | 18.4          | 18.4         | 1011.9 | 0.00 | 0.0          | 0.007       | 0.000       | 23.2       |
| 20/02/17 | 9:00p  | 17.6        | 18.0       | 17.6        | 90         | 15.9       | 0.0           | SE          | 0.00        | 6.4         | SE        | 17.6          | 18.0          | 18.0         | 1011.9 | 0.00 | 0.0          | 0.016       | 0.000       | 23.1       |
| 20/02/17 | 9:30p  | 17.2        | 17.6       | 17.2        | 92         | 15.9       | 0.0           | ESE         | 0.00        | 3.2         | N         | 17.2          | 17.6          | 17.6         | 1012.1 | 0.00 | 0.0          | 0.023       | 0.000       | 22.9       |
| 20/02/17 | 10:00p | 16.8        | 17.2       | 16.8        | 92         | 15.5       | 0.0           | ENE         | 0.00        | 1.6         | ENE       | 16.8          | 17.2          | 17.2         | 1012.4 | 0.00 | 0.0          | 0.031       | 0.000       | 22.8       |
| 20/02/17 | 10:30p | 16.4        | 16.8       | 16.4        | 93         | 15.3       | 0.0           | WSW         | 0.00        | 1.6         | WSW       | 16.4          | 16.7          | 16.7         | 1012.7 | 0.00 | 0.0          | 0.041       | 0.000       | 22.7       |
| 20/02/17 | 11:00p | 16.3        | 16.4       | 16.3        | 92         | 15.0       | 0.0           | E           | 0.00        | 1.6         | E         | 16.3          | 16.6          | 16.6         | 1012.7 | 0.00 | 0.0          | 0.042       | 0.000       | 22.7       |
| 20/02/17 | 11:30p | 15.6        | 16.3       | 15.6        | 92         | 14.3       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.6          | 15.7          | 15.7         | 1012.6 | 0.00 | 0.0          | 0.058       | 0.000       | 22.6       |
| 21/02/17 | 12:00a | 15.2        | 15.6       | 15.2        | 94         | 14.2       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.2          | 15.4          | 15.4         | 1012.4 | 0.00 | 0.0          | 0.066       | 0.000       | 22.4       |

| 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. |
|----------|--------|-----------|-----------|------------|-----------|-------------------|--------------|------------|---------------|--------------|
| 20/02/17 | 12:30a | 69        | 16.0      | 22.3       | 12.82     | .0733             | 696          | 1          | 100.0         | 30           |
| 20/02/17 | 1:00a  | 69        | 16.0      | 22.2       | 12.82     | .0733             | 695          | 1          | 100.0         | 30           |
| 20/02/17 | 1:30a  | 69        | 16.0      | 22.2       | 12.82     | .0733             | 699          | 1          | 100.0         | 30           |
| 20/02/17 | 2:00a  | 69        | 15.9      | 22.1       | 12.82     | .0733             | 695          | 1          | 100.0         | 30           |
| 20/02/17 | 2:30a  | 69        | 15.9      | 22.1       | 12.82     | .0733             | 699          | 1          | 100.0         | 30           |
| 20/02/17 | 3:00a  | 69        | 15.8      | 22.0       | 12.83     | .0733             | 702          | 1          | 100.0         | 30           |
| 20/02/17 | 3:30a  | 69        | 15.7      | 21.8       | 12.83     | .0733             | 695          | 1          | 100.0         | 30           |
| 20/02/17 | 4:00a  | 69        | 15.7      | 21.8       | 12.83     | .0733             | 701          | 1          | 100.0         | 30           |
| 20/02/17 | 4:30a  | 69        | 15.7      | 21.8       | 12.83     | .0734             | 702          | 1          | 100.0         | 30           |
| 20/02/17 | 5:00a  | 69        | 15.5      | 21.6       | 12.84     | .0734             | 693          | 1          | 100.0         | 30           |
| 20/02/17 | 5:30a  | 69        | 15.5      | 21.5       | 12.84     | .0735             | 703          | 1          | 100.0         | 30           |
| 20/02/17 | 6:00a  | 69        | 15.5      | 21.5       | 12.84     | .0735             | 690          | 1          | 100.0         | 30           |
| 20/02/17 | 6:30a  | 69        | 15.5      | 21.5       | 12.84     | .0735             | 689          | 1          | 100.0         | 30           |
| 20/02/17 | 7:00a  | 69        | 15.5      | 21.6       | 12.84     | .0735             | 691          | 1          | 100.0         | 30           |
| 20/02/17 | 7:30a  | 69        | 15.6      | 21.7       | 12.83     | .0735             | 686          | 1          | 100.0         | 30           |
| 20/02/17 | 8:00a  | 68        | 15.5      | 21.8       | 12.55     | .0735             | 695          | 1          | 100.0         | 30           |
| 20/02/17 | 8:30a  | 69        | 16.0      | 22.3       | 12.82     | .0734             | 697          | 1          | 100.0         | 30           |
| 20/02/17 | 9:00a  | 68        | 16.2      | 22.8       | 12.55     | .0733             | 695          | 1          | 100.0         | 30           |
| 20/02/17 | 9:30a  | 67        | 16.5      | 23.5       | 12.28     | .0731             | 695          | 1          | 100.0         | 30           |
| 20/02/17 | 10:00a | 66        | 16.5      | 23.9       | 12.07     | .0730             | 701          | 1          | 100.0         | 30           |
| 20/02/17 | 10:30a | 65        | 16.4      | 24.1       | 11.85     | .0730             | 697          | 1          | 100.0         | 30           |
| 20/02/17 | 11:00a | 64        | 16.5      | 24.3       | 11.65     | .0729             | 689          | 1          | 100.0         | 30           |
| 20/02/17 | 11:30a | 64        | 16.7      | 24.6       | 11.65     | .0727             | 699          | 1          | 100.0         | 30           |
| 20/02/17 | 12:00p | 63        | 16.6      | 24.7       | 11.44     | .0727             | 699          | 1          | 100.0         | 30           |
| 20/02/17 | 12:30p | 63        | 16.6      | 24.7       | 11.44     | .0726             | 692          | 1          | 100.0         | 30           |
| 20/02/17 | 1:00p  | 63        | 16.8      | 24.9       | 11.43     | .0725             | 694          | 1          | 100.0         | 30           |
| 20/02/17 | 1:30p  | 63        | 16.9      | 24.9       | 11.43     | .0725             | 689          | 1          | 100.0         | 30           |
| 20/02/17 | 2:00p  | 63        | 16.9      | 25.0       | 11.43     | .0724             | 683          | 1          | 99.9          | 30           |
| 20/02/17 | 2:30p  | 63        | 16.9      | 25.0       | 11.43     | .0724             | 698          | 1          | 100.0         | 30           |
| 20/02/17 | 3:00p  | 63        | 16.9      | 25.0       | 11.43     | .0723             | 699          | 1          | 100.0         | 30           |
| 20/02/17 | 3:30p  | 63        | 16.9      | 24.9       | 11.43     | .0724             | 695          | 1          | 100.0         | 30           |
| 20/02/17 | 4:00p  | 63        | 16.8      | 24.9       | 11.43     | .0724             | 687          | 1          | 100.0         | 30           |
| 20/02/17 | 4:30p  | 64        | 16.9      | 24.8       | 11.64     | .0724             | 689          | 1          | 100.0         | 30           |
| 20/02/17 | 5:00p  | 65        | 17.1      | 24.8       | 11.84     | .0725             | 691          | 1          | 100.0         | 30           |
| 20/02/17 | 5:30p  | 65        | 16.9      | 24.6       | 11.85     | .0726             | 687          | 1          | 100.0         | 30           |
| 20/02/17 | 6:00p  | 66        | 16.9      | 24.4       | 12.06     | .0726             | 696          | 1          | 100.0         | 30           |
| 20/02/17 | 6:30p  | 67        | 17.1      | 24.3       | 12.26     | .0727             | 702          | 1          | 100.0         | 30           |
| 20/02/17 | 7:00p  | 67        | 16.9      | 24.2       | 12.27     | .0728             | 698          | 1          | 100.0         | 30           |
| 20/02/17 | 7:30p  | 68        | 17.1      | 24.1       | 12.55     | .0728             | 689          | 1          | 100.0         | 30           |
| 20/02/17 | 8:00p  | 68        | 17.0      | 23.9       | 12.55     | .0728             | 701          | 1          | 100.0         | 30           |
| 20/02/17 | 8:30p  | 68        | 16.9      | 23.9       | 12.55     | .0729             | 703          | 1          | 100.0         | 30           |
| 20/02/17 | 9:00p  | 68        | 16.8      | 23.7       | 12.55     | .0729             | 691          | 1          | 100.0         | 30           |
| 20/02/17 | 9:30p  | 68        | 16.7      | 23.6       | 12.55     | .0730             | 698          | 1          | 100.0         | 30           |
| 20/02/17 | 10:00p | 68        | 16.6      | 23.4       | 12.55     | .0730             | 702          | 1          | 100.0         | 30           |
| 20/02/17 | 10:30p | 69        | 16.7      | 23.3       | 12.79     | .0731             | 699          | 1          | 100.0         | 30           |
| 20/02/17 | 11:00p | 69        | 16.7      | 23.2       | 12.79     | .0731             | 696          | 1          | 100.0         | 30           |
| 20/02/17 | 11:30p | 69        | 16.6      | 23.1       | 12.80     | .0731             | 702          | 1          | 100.0         | 30           |
| 21/02/17 | 12:00a | 69        | 16.5      | 22.9       | 12.80     | .0731             | 700          | 1          | 100.0         | 30           |