

| Date    | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 1/08/07 | 1:00  | 18.9        | 19.8       | 18.3        | 74         | 14.2 | 0.0           | E   | 0.00        | 4.8         | E         | 18.9          | 19.1          | 19.1 | 756.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 1/08/07 | 2:00  | 18.4        | 18.6       | 18.2        | 74         | 13.7 | 0.0           | --- | 0.00        | 0.0         | ---       | 18.4          | 18.6          | 18.6 | 756.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 1/08/07 | 3:00  | 17.9        | 18.2       | 17.4        | 81         | 14.6 | 0.0           | --- | 0.00        | 0.0         | ---       | 17.9          | 18.6          | 18.6 | 755.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 1/08/07 | 4:00  | 17.3        | 17.4       | 17.1        | 78         | 13.4 | 0.0           | --- | 0.00        | 0.0         | ---       | 17.3          | 17.6          | 17.6 | 755.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 1/08/07 | 5:00  | 16.9        | 17.3       | 16.2        | 81         | 13.7 | 0.0           | --- | 0.00        | 0.0         | ---       | 16.9          | 17.3          | 17.3 | 756.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 1/08/07 | 6:00  | 15.9        | 16.7       | 14.9        | 84         | 13.2 | 0.0           | ENE | 0.00        | 1.6         | ENE       | 15.9          | 16.2          | 16.2 | 756.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 1/08/07 | 7:00  | 15.6        | 16.3       | 15.1        | 84         | 12.9 | 0.0           | E   | 0.00        | 1.6         | E         | 15.6          | 15.8          | 15.8 | 756.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 1/08/07 | 8:00  | 15.2        | 16.2       | 14.6        | 87         | 13.1 | 0.0           | E   | 0.00        | 3.2         | E         | 15.2          | 15.4          | 15.4 | 757.6 | 0.0  | 0.0          | 40            | 3.44            | 111                 | 0.0 |
| 1/08/07 | 9:00  | 18.5        | 20.5       | 15.9        | 73         | 13.6 | 1.6           | NE  | 1.61        | 12.9        | ENE       | 18.5          | 18.6          | 18.6 | 758.3 | 0.0  | 0.0          | 197           | 16.94           | 282                 | 0.4 |
| 1/08/07 | 10:00 | 21.6        | 22.4       | 20.5        | 64         | 14.5 | 9.7           | NE  | 9.66        | 20.9        | NE        | 21.6          | 21.6          | 20.5 | 758.6 | 0.0  | 0.0          | 364           | 31.31           | 442                 | 1.2 |
| 1/08/07 | 11:00 | 23.4        | 24.7       | 22.4        | 61         | 15.5 | 11.3          | NE  | 11.27       | 22.5        | NE        | 23.4          | 23.6          | 22.4 | 758.4 | 0.0  | 0.0          | 505           | 43.44           | 625                 | 2.3 |
| 1/08/07 | 12:00 | 25.2        | 26.3       | 24.3        | 56         | 15.8 | 11.3          | NE  | 11.27       | 19.3        | NNE       | 25.2          | 25.3          | 24.3 | 757.9 | 0.0  | 0.0          | 607           | 52.21           | 640                 | 3.3 |
| 1/08/07 | 13:00 | 26.7        | 27.2       | 26.1        | 54         | 16.6 | 11.3          | NNE | 11.27       | 20.9        | NE        | 26.7          | 27.1          | 26.3 | 757.4 | 0.0  | 0.0          | 625           | 53.76           | 663                 | 3.7 |
| 1/08/07 | 14:00 | 27.4        | 28.3       | 26.6        | 53         | 17.0 | 9.7           | ENE | 9.66        | 16.1        | NE        | 27.4          | 28.1          | 27.5 | 756.6 | 0.0  | 0.0          | 602           | 51.78           | 677                 | 3.4 |
| 1/08/07 | 15:00 | 29.2        | 29.8       | 28.2        | 44         | 15.7 | 8.0           | ENE | 8.05        | 17.7        | ENE       | 29.2          | 29.6          | 29.4 | 756.0 | 0.0  | 0.0          | 555           | 47.74           | 598                 | 2.7 |
| 1/08/07 | 16:00 | 29.6        | 30.3       | 28.4        | 45         | 16.4 | 9.7           | NE  | 9.66        | 19.3        | NE        | 29.6          | 30.1          | 29.7 | 755.6 | 0.0  | 0.0          | 310           | 26.66           | 542                 | 1.5 |
| 1/08/07 | 17:00 | 29.2        | 29.5       | 28.2        | 44         | 15.7 | 6.4           | ENE | 6.44        | 16.1        | NE        | 29.2          | 29.6          | 29.6 | 755.6 | 0.0  | 0.0          | 259           | 22.28           | 377                 | 0.7 |
| 1/08/07 | 18:00 | 27.9        | 29.1       | 26.4        | 54         | 17.7 | 6.4           | NE  | 6.44        | 12.9        | NE        | 27.9          | 28.8          | 28.8 | 755.9 | 0.0  | 0.0          | 97            | 8.34            | 195                 | 0.2 |
| 1/08/07 | 19:00 | 25.1        | 26.4       | 23.8        | 66         | 18.3 | 1.6           | NE  | 1.61        | 12.9        | NE        | 25.1          | 25.8          | 25.8 | 756.3 | 0.0  | 0.0          | 2             | 0.17            | 16                  | 0.0 |
| 1/08/07 | 20:00 | 23.3        | 23.7       | 22.9        | 60         | 15.1 | 1.6           | NE  | 1.61        | 9.7         | NE        | 23.3          | 23.3          | 23.3 | 756.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 1/08/07 | 21:00 | 23.3        | 23.6       | 23.1        | 60         | 15.1 | 4.8           | E   | 4.83        | 11.3        | E         | 23.3          | 23.3          | 23.3 | 757.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 1/08/07 | 22:00 | 23.2        | 23.4       | 23.1        | 57         | 14.2 | 6.4           | E   | 6.44        | 16.1        | SE        | 23.2          | 23.2          | 23.2 | 757.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 1/08/07 | 23:00 | 23.5        | 23.9       | 22.9        | 55         | 13.9 | 6.4           | ESE | 6.44        | 16.1        | ESE       | 23.5          | 23.5          | 23.5 | 757.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 2/08/07 | 00:00 | 22.9        | 23.2       | 22.4        | 57         | 13.9 | 3.2           | E   | 3.22        | 11.3        | ESE       | 22.9          | 22.8          | 22.8 | 757.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date    | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 2/08/07 | 1:00  | 21.6        | 22.4       | 20.9        | 63         | 14.2 | 0.0           | --- | 0.00        | 0.0         | ---       | 21.6          | 21.6          | 21.6 | 757.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 2/08/07 | 2:00  | 20.4        | 20.9       | 19.9        | 68         | 14.3 | 0.0           | E   | 0.00        | 1.6         | E         | 20.4          | 20.4          | 20.4 | 757.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 2/08/07 | 3:00  | 19.5        | 20.1       | 18.6        | 76         | 15.2 | 0.0           | --- | 0.00        | 0.0         | ---       | 19.5          | 20.1          | 20.1 | 757.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 2/08/07 | 4:00  | 16.6        | 18.5       | 15.3        | 85         | 14.1 | 0.0           | --- | 0.00        | 0.0         | ---       | 16.6          | 17.0          | 17.0 | 757.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 2/08/07 | 5:00  | 15.8        | 16.4       | 15.1        | 81         | 12.5 | 4.8           | SSE | 4.83        | 9.7         | SSE       | 15.8          | 16.0          | 15.7 | 757.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 2/08/07 | 6:00  | 17.6        | 18.3       | 16.4        | 73         | 12.7 | 6.4           | SSE | 6.44        | 11.3        | SSE       | 17.6          | 17.4          | 17.0 | 757.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 2/08/07 | 7:00  | 18.2        | 18.6       | 16.8        | 80         | 14.7 | 1.6           | SSE | 1.61        | 8.0         | SSE       | 18.2          | 18.8          | 18.8 | 757.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 2/08/07 | 8:00  | 16.1        | 16.8       | 15.5        | 86         | 13.8 | 0.0           | --- | 0.00        | 0.0         | ---       | 16.1          | 16.4          | 16.4 | 758.5 | 0.0  | 0.0          | 43            | 3.70            | 113                 | 0.0 |
| 2/08/07 | 9:00  | 19.0        | 21.4       | 15.9        | 68         | 13.0 | 0.0           | NE  | 0.00        | 9.7         | E         | 19.0          | 18.8          | 18.8 | 758.9 | 0.0  | 0.0          | 199           | 17.12           | 283                 | 0.5 |
| 2/08/07 | 10:00 | 22.6        | 23.3       | 21.6        | 63         | 15.2 | 8.0           | ENE | 8.05        | 25.7        | NE        | 22.6          | 22.8          | 22.2 | 759.5 | 0.0  | 0.0          | 367           | 31.57           | 461                 | 1.3 |
| 2/08/07 | 11:00 | 24.2        | 25.6       | 23.3        | 60         | 15.9 | 11.3          | NE  | 11.27       | 27.4        | NNE       | 24.2          | 24.2          | 23.1 | 759.3 | 0.0  | 0.0          | 513           | 44.12           | 582                 | 2.3 |
| 2/08/07 | 12:00 | 26.4        | 27.2       | 25.5        | 52         | 15.8 | 12.9          | NE  | 12.87       | 24.1        | ENE       | 26.4          | 26.7          | 25.6 | 758.8 | 0.0  | 0.0          | 586           | 50.40           | 662                 | 3.3 |
| 2/08/07 | 13:00 | 27.4        | 28.2       | 25.9        | 46         | 14.8 | 11.3          | NE  | 11.27       | 27.4        | NE        | 27.4          | 27.7          | 27.0 | 758.0 | 0.0  | 0.0          | 576           | 49.54           | 697                 | 3.4 |
| 2/08/07 | 14:00 | 28.9        | 29.6       | 28.1        | 45         | 15.8 | 9.7           | NE  | 9.66        | 19.3        | ENE       | 28.9          | 29.4          | 28.9 | 757.3 | 0.0  | 0.0          | 508           | 43.69           | 730                 | 3.1 |
| 2/08/07 | 15:00 | 29.2        | 29.9       | 28.6        | 39         | 13.8 | 8.0           | NE  | 8.05        | 19.3        | NNE       | 29.2          | 29.1          | 28.8 | 756.8 | 0.0  | 0.0          | 432           | 37.16           | 686                 | 2.5 |
| 2/08/07 | 16:00 | 29.8        | 30.7       | 29.1        | 42         | 15.5 | 8.0           | NE  | 8.05        | 19.3        | NE        | 29.8          | 30.0          | 29.8 | 756.7 | 0.0  | 0.0          | 319           | 27.44           | 633                 | 1.5 |
| 2/08/07 | 17:00 | 29.7        | 30.2       | 28.0        | 44         | 16.1 | 3.2           | ENE | 3.22        | 12.9        | NE        | 29.7          | 30.1          | 30.1 | 756.8 | 0.0  | 0.0          | 223           | 19.18           | 406                 | 0.8 |
| 2/08/07 | 18:00 | 27.2        | 28.0       | 26.4        | 46         | 14.5 | 3.2           | E   | 3.22        | 9.7         | E         | 27.2          | 27.3          | 27.3 | 756.7 | 0.0  | 0.0          | 43            | 3.70            | 74                  | 0.1 |
| 2/08/07 | 19:00 | 25.6        | 26.6       | 24.4        | 49         | 14.1 | 1.6           | E   | 1.61        | 9.7         | E         | 25.6          | 25.5          | 25.5 | 757.0 | 0.0  | 0.0          | 3             | 0.26            | 18                  | 0.0 |
| 2/08/07 | 20:00 | 24.3        | 25.0       | 23.3        | 51         | 13.5 | 3.2           | E   | 3.22        | 9.7         | E         | 24.3          | 24.3          | 24.3 | 757.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 2/08/07 | 21:00 | 23.8        | 24.1       | 23.4        | 47         | 11.8 | 6.4           | E   | 6.44        | 11.3        | E         | 23.8          | 23.6          | 23.6 | 757.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 2/08/07 | 22:00 | 24.8        | 25.1       | 24.1        | 47         | 12.7 | 8.0           | ENE | 8.05        | 17.7        | ENE       | 24.8          | 24.5          | 24.1 | 757.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 2/08/07 | 23:00 | 23.8        | 24.4       | 23.3        | 50         | 12.8 | 8.0           | ENE | 8.05        | 17.7        | E         | 23.8          | 23.8          | 23.4 | 757.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 3/08/07 | 00:00 | 22.8        | 23.6       | 22.0        | 55         | 13.3 | 6.4           | E   | 6.44        | 17.7        | ENE       | 22.8          | 22.7          | 22.7 | 757.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date    | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 3/08/07 | 1:00  | 21.6        | 22.2       | 20.9        | 60         | 13.5 | 1.6           | ENE | 1.61        | 11.3        | E         | 21.6          | 21.6          | 21.6 | 757.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 3/08/07 | 2:00  | 20.1        | 20.9       | 19.5        | 62         | 12.6 | 0.0           | ENE | 0.00        | 4.8         | ENE       | 20.1          | 20.1          | 20.1 | 757.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 3/08/07 | 3:00  | 20.2        | 20.6       | 19.9        | 61         | 12.5 | 3.2           | E   | 3.22        | 9.7         | E         | 20.2          | 20.2          | 20.2 | 757.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 3/08/07 | 4:00  | 19.6        | 20.1       | 19.1        | 64         | 12.6 | 1.6           | E   | 1.61        | 8.0         | E         | 19.6          | 19.5          | 19.5 | 757.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 3/08/07 | 5:00  | 17.8        | 19.1       | 17.2        | 88         | 15.8 | 0.0           | WNW | 0.00        | 11.3        | WNW       | 17.8          | 18.4          | 18.4 | 757.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 3/08/07 | 6:00  | 16.5        | 17.2       | 15.3        | 88         | 14.5 | 1.6           | SW  | 1.61        | 11.3        | SSE       | 16.5          | 16.9          | 16.9 | 758.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 3/08/07 | 7:00  | 14.5        | 15.3       | 13.7        | 88         | 12.5 | 8.0           | SSE | 8.05        | 11.3        | SSE       | 13.7          | 14.7          | 13.4 | 758.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 3/08/07 | 8:00  | 14.3        | 15.8       | 13.6        | 86         | 12.0 | 8.0           | SSE | 8.05        | 11.3        | SSE       | 13.4          | 14.4          | 13.1 | 759.3 | 0.0  | 0.0          | 44            | 3.78            | 114                 | 0.0 |
| 3/08/07 | 9:00  | 18.7        | 21.8       | 15.8        | 66         | 12.2 | 4.8           | S   | 4.83        | 11.3        | S         | 18.7          | 18.5          | 18.4 | 759.7 | 0.0  | 0.0          | 199           | 17.12           | 283                 | 0.4 |
| 3/08/07 | 10:00 | 23.2        | 24.1       | 21.7        | 67         | 16.7 | 3.2           | N   | 3.22        | 11.3        | SE        | 23.2          | 23.8          | 23.8 | 760.3 | 0.0  | 0.0          | 367           | 31.57           | 445                 | 1.3 |
| 3/08/07 | 11:00 | 23.8        | 24.6       | 23.3        | 58         | 15.0 | 3.2           | NW  | 3.22        | 11.3        | NNW       | 23.8          | 23.8          | 23.8 | 760.0 | 0.0  | 0.0          | 510           | 43.87           | 568                 | 2.4 |
| 3/08/07 | 12:00 | 25.4        | 25.9       | 24.6        | 50         | 14.2 | 4.8           | N   | 4.83        | 16.1        | N         | 25.4          | 25.4          | 25.4 | 759.9 | 0.0  | 0.0          | 609           | 52.38           | 637                 | 3.4 |
| 3/08/07 | 13:00 | 26.5        | 27.1       | 25.7        | 48         | 14.6 | 9.7           | N   | 9.66        | 19.3        | N         | 26.5          | 26.5          | 25.9 | 759.2 | 0.0  | 0.0          | 651           | 55.99           | 658                 | 3.9 |
| 3/08/07 | 14:00 | 27.4        | 27.8       | 26.8        | 44         | 14.1 | 6.4           | NE  | 6.44        | 17.7        | NNE       | 27.4          | 27.6          | 27.6 | 758.3 | 0.0  | 0.0          | 635           | 54.62           | 651                 | 3.7 |
| 3/08/07 | 15:00 | 28.2        | 28.8       | 27.4        | 45         | 15.1 | 4.8           | NE  | 4.83        | 12.9        | ENE       | 28.2          | 28.6          | 28.6 | 757.8 | 0.0  | 0.0          | 570           | 49.03           | 607                 | 2.8 |
| 3/08/07 | 16:00 | 28.9        | 29.2       | 28.6        | 39         | 13.5 | 4.8           | NE  | 4.83        | 16.1        | NNE       | 28.9          | 28.8          | 28.8 | 757.5 | 0.0  | 0.0          | 450           | 38.71           | 524                 | 1.7 |
| 3/08/07 | 17:00 | 28.9        | 29.2       | 28.7        | 40         | 13.9 | 3.2           | NNE | 3.22        | 11.3        | NNE       | 28.9          | 28.9          | 28.9 | 757.6 | 0.0  | 0.0          | 282           | 24.26           | 401                 | 0.8 |
| 3/08/07 | 18:00 | 27.8        | 28.8       | 25.3        | 57         | 18.5 | 0.0           | ENE | 0.00        | 3.2         | ENE       | 27.8          | 28.8          | 28.8 | 757.7 | 0.0  | 0.0          | 93            | 8.00            | 190                 | 0.2 |
| 3/08/07 | 19:00 | 23.2        | 25.3       | 21.4        | 72         | 17.8 | 4.8           | SSW | 4.83        | 17.7        | SSW       | 23.2          | 24.1          | 24.1 | 758.0 | 0.0  | 0.0          | 3             | 0.26            | 18                  | 0.0 |
| 3/08/07 | 20:00 | 20.7        | 21.4       | 20.2        | 77         | 16.5 | 11.3          | S   | 11.27       | 22.5        | SSW       | 20.7          | 21.4          | 19.9 | 758.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 3/08/07 | 21:00 | 19.3        | 20.2       | 18.8        | 80         | 15.8 | 3.2           | S   | 3.22        | 16.1        | SW        | 19.3          | 20.2          | 20.2 | 758.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 3/08/07 | 22:00 | 18.1        | 18.8       | 17.6        | 82         | 14.9 | 3.2           | SW  | 3.22        | 12.9        | SW        | 18.1          | 18.7          | 18.6 | 759.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 3/08/07 | 23:00 | 17.2        | 17.6       | 16.7        | 85         | 14.7 | 4.8           | SW  | 4.83        | 16.1        | SW        | 17.2          | 17.7          | 17.5 | 759.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 4/08/07 | 00:00 | 15.7        | 16.7       | 14.8        | 91         | 14.2 | 1.6           | SW  | 1.61        | 16.1        | SW        | 15.7          | 15.9          | 15.9 | 759.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date    | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 4/08/07 | 1:00  | 14.7        | 14.9       | 14.6        | 93         | 13.5 | 1.6           | SW  | 1.61        | 11.3        | SW        | 14.7          | 14.8          | 14.8 | 759.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 4/08/07 | 2:00  | 14.9        | 15.2       | 14.6        | 93         | 13.8 | 4.8           | SW  | 4.83        | 16.1        | SW        | 14.8          | 15.1          | 14.6 | 759.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 4/08/07 | 3:00  | 15.2        | 15.3       | 15.1        | 93         | 14.1 | 6.4           | SW  | 6.44        | 20.9        | SW        | 14.8          | 15.4          | 14.7 | 759.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 4/08/07 | 4:00  | 14.9        | 15.1       | 14.7        | 92         | 13.7 | 6.4           | SW  | 6.44        | 22.5        | SSW       | 14.5          | 15.1          | 14.4 | 759.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 4/08/07 | 5:00  | 14.6        | 14.8       | 14.2        | 93         | 13.4 | 6.4           | SW  | 6.44        | 19.3        | SSW       | 14.1          | 14.7          | 13.9 | 759.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 4/08/07 | 6:00  | 14.1        | 14.2       | 13.9        | 95         | 13.3 | 4.8           | SW  | 4.83        | 19.3        | WSW       | 13.9          | 14.2          | 13.7 | 759.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 4/08/07 | 7:00  | 13.8        | 13.9       | 13.7        | 95         | 13.0 | 6.4           | SW  | 6.44        | 19.3        | SW        | 13.1          | 13.8          | 13.0 | 760.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 4/08/07 | 8:00  | 13.8        | 14.0       | 13.7        | 93         | 12.7 | 4.8           | WSW | 4.83        | 20.9        | SW        | 13.6          | 13.9          | 13.4 | 760.9 | 0.0  | 0.0          | 9             | 0.77            | 21                  | 0.0 |
| 4/08/07 | 9:00  | 14.1        | 14.3       | 13.9        | 93         | 13.0 | 4.8           | SW  | 4.83        | 16.1        | SSW       | 13.9          | 14.2          | 13.7 | 761.3 | 0.0  | 0.0          | 37            | 3.18            | 56                  | 0.0 |
| 4/08/07 | 10:00 | 14.3        | 14.4       | 14.2        | 91         | 12.8 | 4.8           | SW  | 4.83        | 16.1        | S         | 14.1          | 14.4          | 14.0 | 761.7 | 0.0  | 0.0          | 70            | 6.02            | 95                  | 0.3 |
| 4/08/07 | 11:00 | 14.6        | 14.9       | 14.2        | 87         | 12.4 | 4.8           | SW  | 4.83        | 16.1        | WSW       | 14.4          | 14.7          | 14.3 | 761.8 | 0.0  | 0.0          | 123           | 10.58           | 155                 | 0.7 |
| 4/08/07 | 12:00 | 15.4        | 16.1       | 14.8        | 84         | 12.7 | 4.8           | W   | 4.83        | 16.1        | SSW       | 15.4          | 15.6          | 15.2 | 761.4 | 0.0  | 0.0          | 207           | 17.80           | 252                 | 1.4 |
| 4/08/07 | 13:00 | 16.6        | 17.2       | 15.9        | 83         | 13.7 | 6.4           | W   | 6.44        | 16.1        | NW        | 16.4          | 16.9          | 16.4 | 760.9 | 0.0  | 0.0          | 313           | 26.92           | 472                 | 2.1 |
| 4/08/07 | 14:00 | 16.6        | 16.8       | 16.2        | 80         | 13.1 | 6.4           | WNW | 6.44        | 16.1        | NNW       | 16.4          | 16.9          | 16.4 | 760.4 | 0.0  | 0.0          | 255           | 21.93           | 336                 | 1.7 |
| 4/08/07 | 15:00 | 16.4        | 17.0       | 15.8        | 83         | 13.5 | 8.0           | W   | 8.05        | 22.5        | SW        | 16.0          | 16.7          | 15.6 | 760.2 | 0.0  | 0.0          | 213           | 18.32           | 278                 | 1.3 |
| 4/08/07 | 16:00 | 15.6        | 15.8       | 15.1        | 85         | 13.1 | 6.4           | WSW | 6.44        | 19.3        | WSW       | 15.3          | 15.8          | 15.2 | 760.6 | 0.0  | 0.0          | 113           | 9.72            | 165                 | 0.6 |
| 4/08/07 | 17:00 | 14.9        | 15.1       | 14.6        | 84         | 12.3 | 6.4           | WSW | 6.44        | 19.3        | SW        | 14.5          | 15.1          | 14.4 | 760.8 | 0.0  | 0.0          | 59            | 5.07            | 90                  | 0.2 |
| 4/08/07 | 18:00 | 14.4        | 14.6       | 14.4        | 83         | 11.6 | 6.4           | SW  | 6.44        | 20.9        | WSW       | 13.9          | 14.6          | 13.8 | 761.0 | 0.0  | 0.0          | 21            | 1.81            | 40                  | 0.0 |
| 4/08/07 | 19:00 | 14.4        | 14.5       | 14.3        | 81         | 11.2 | 6.4           | SW  | 6.44        | 27.4        | S         | 13.9          | 14.5          | 13.7 | 761.5 | 0.0  | 0.0          | 1             | 0.09            | 7                   | 0.0 |
| 4/08/07 | 20:00 | 14.2        | 14.4       | 14.1        | 84         | 11.5 | 8.0           | SW  | 8.05        | 19.3        | SSW       | 13.3          | 14.2          | 12.9 | 761.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 4/08/07 | 21:00 | 13.8        | 14.1       | 13.5        | 85         | 11.3 | 8.0           | SW  | 8.05        | 22.5        | SSW       | 12.8          | 13.8          | 12.5 | 762.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 4/08/07 | 22:00 | 13.3        | 13.5       | 13.1        | 86         | 11.0 | 6.4           | SW  | 6.44        | 22.5        | S         | 12.6          | 13.4          | 12.5 | 762.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 4/08/07 | 23:00 | 13.2        | 13.3       | 13.1        | 86         | 10.9 | 4.8           | SW  | 4.83        | 17.7        | SW        | 12.8          | 13.2          | 12.6 | 762.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 5/08/07 | 00:00 | 13.1        | 13.3       | 12.9        | 86         | 10.8 | 4.8           | SW  | 4.83        | 16.1        | SSW       | 12.7          | 13.2          | 12.6 | 761.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date    | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 5/08/07 | 1:00  | 12.8        | 12.9       | 12.6        | 87         | 10.7 | 3.2           | S   | 3.22        | 12.9        | S         | 12.8          | 12.8          | 12.7 | 761.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 5/08/07 | 2:00  | 12.5        | 12.6       | 12.3        | 91         | 11.1 | 6.4           | S   | 6.44        | 16.1        | S         | 11.6          | 12.6          | 11.6 | 761.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 5/08/07 | 3:00  | 12.3        | 12.3       | 12.3        | 89         | 10.5 | 1.6           | S   | 1.61        | 12.9        | S         | 12.3          | 12.4          | 12.4 | 760.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 5/08/07 | 4:00  | 12.2        | 12.3       | 12.2        | 90         | 10.6 | 0.0           | WSW | 0.00        | 11.3        | WSW       | 12.2          | 12.3          | 12.3 | 760.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 5/08/07 | 5:00  | 12.0        | 12.2       | 12.0        | 91         | 10.6 | 1.6           | S   | 1.61        | 11.3        | S         | 12.0          | 12.1          | 12.1 | 760.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 5/08/07 | 6:00  | 12.1        | 12.2       | 12.0        | 92         | 10.9 | 0.0           | SW  | 0.00        | 11.3        | WSW       | 12.1          | 12.2          | 12.2 | 760.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 5/08/07 | 7:00  | 11.9        | 12.1       | 11.8        | 91         | 10.5 | 4.8           | S   | 4.83        | 12.9        | S         | 11.3          | 12.1          | 11.4 | 760.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 5/08/07 | 8:00  | 11.8        | 11.8       | 11.7        | 92         | 10.5 | 4.8           | S   | 4.83        | 12.9        | S         | 11.2          | 11.9          | 11.2 | 760.9 | 0.0  | 0.0          | 10            | 0.86            | 26                  | 0.0 |
| 5/08/07 | 9:00  | 11.9        | 12.2       | 11.7        | 92         | 10.7 | 3.2           | S   | 3.22        | 11.3        | S         | 11.9          | 12.1          | 11.9 | 761.1 | 0.0  | 0.0          | 46            | 3.96            | 74                  | 0.0 |
| 5/08/07 | 10:00 | 12.5        | 13.0       | 12.2        | 89         | 10.7 | 1.6           | E   | 1.61        | 8.0         | ENE       | 12.5          | 12.6          | 12.6 | 761.4 | 0.0  | 0.0          | 99            | 8.52            | 144                 | 0.5 |
| 5/08/07 | 11:00 | 13.6        | 14.2       | 13.0        | 84         | 10.9 | 1.6           | ENE | 1.61        | 9.7         | N         | 13.6          | 13.6          | 13.6 | 761.3 | 0.0  | 0.0          | 196           | 16.86           | 331                 | 1.1 |
| 5/08/07 | 12:00 | 16.0        | 17.0       | 14.2        | 72         | 11.0 | 6.4           | N   | 6.44        | 12.9        | N         | 15.8          | 15.7          | 15.1 | 760.7 | 0.0  | 0.0          | 619           | 53.24           | 757                 | 3.6 |
| 5/08/07 | 13:00 | 18.0        | 19.1       | 17.0        | 69         | 12.2 | 6.4           | N   | 6.44        | 11.3        | N         | 18.0          | 17.7          | 17.4 | 760.0 | 0.0  | 0.0          | 662           | 56.94           | 713                 | 4.2 |
| 5/08/07 | 14:00 | 19.7        | 20.4       | 18.9        | 64         | 12.7 | 3.2           | N   | 3.22        | 11.3        | N         | 19.7          | 19.7          | 19.7 | 759.2 | 0.0  | 0.0          | 637           | 54.79           | 681                 | 3.8 |
| 5/08/07 | 15:00 | 20.9        | 21.3       | 20.2        | 63         | 13.6 | 3.2           | NNE | 3.22        | 12.9        | N         | 20.9          | 20.9          | 20.9 | 758.5 | 0.0  | 0.0          | 483           | 41.54           | 589                 | 2.6 |
| 5/08/07 | 16:00 | 21.8        | 22.5       | 21.1        | 61         | 14.0 | 0.0           | N   | 0.00        | 9.7         | N         | 21.8          | 21.8          | 21.8 | 757.8 | 0.0  | 0.0          | 340           | 29.24           | 473                 | 1.5 |
| 5/08/07 | 17:00 | 22.4        | 22.9       | 22.0        | 64         | 15.3 | 0.0           | NNE | 0.00        | 3.2         | NNE       | 22.4          | 22.6          | 22.6 | 757.6 | 0.0  | 0.0          | 206           | 17.72           | 299                 | 0.7 |
| 5/08/07 | 18:00 | 21.4        | 22.0       | 20.9        | 66         | 14.8 | 0.0           | --- | 0.00        | 0.0         | ---       | 21.4          | 21.4          | 21.4 | 757.3 | 0.0  | 0.0          | 61            | 5.25            | 116                 | 0.1 |
| 5/08/07 | 19:00 | 18.9        | 20.9       | 17.2        | 80         | 15.4 | 3.2           | SSE | 3.22        | 9.7         | SSE       | 18.9          | 19.7          | 19.7 | 757.4 | 0.0  | 0.0          | 3             | 0.26            | 19                  | 0.0 |
| 5/08/07 | 20:00 | 16.3        | 17.2       | 15.1        | 86         | 14.0 | 6.4           | SSE | 6.44        | 11.3        | SSE       | 16.2          | 16.7          | 16.1 | 757.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 5/08/07 | 21:00 | 15.8        | 16.1       | 15.1        | 83         | 12.9 | 4.8           | SSE | 4.83        | 8.0         | SSE       | 15.8          | 16.1          | 15.7 | 757.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 5/08/07 | 22:00 | 16.5        | 16.9       | 15.9        | 80         | 13.0 | 4.8           | SSE | 4.83        | 11.3        | SSE       | 16.5          | 16.8          | 16.5 | 757.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 5/08/07 | 23:00 | 17.8        | 18.1       | 16.9        | 77         | 13.7 | 0.0           | SSE | 0.00        | 3.2         | SSE       | 17.8          | 18.1          | 18.1 | 757.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 6/08/07 | 00:00 | 18.3        | 18.5       | 17.7        | 76         | 14.0 | 1.6           | SSE | 1.61        | 8.0         | SSE       | 18.3          | 18.6          | 18.6 | 757.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date    | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain  | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|-------|--------------|---------------|-----------------|---------------------|-----|
| 6/08/07 | 1:00  | 18.2        | 18.4       | 18.1        | 76         | 13.9 | 3.2           | ESE | 3.22        | 12.9        | SE        | 18.2          | 18.5          | 18.5 | 756.4 | 0.0   | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 6/08/07 | 2:00  | 17.9        | 18.5       | 17.0        | 80         | 14.4 | 9.7           | ESE | 9.66        | 25.7        | SE        | 17.6          | 18.4          | 17.1 | 755.9 | 0.0   | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 6/08/07 | 3:00  | 18.3        | 18.5       | 17.9        | 80         | 14.8 | 11.3          | E   | 11.27       | 19.3        | E         | 18.0          | 19.0          | 17.3 | 755.8 | 0.0   | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 6/08/07 | 4:00  | 18.1        | 18.5       | 17.4        | 83         | 15.2 | 9.7           | E   | 9.66        | 19.3        | ENE       | 17.9          | 18.8          | 17.4 | 755.8 | 0.0   | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 6/08/07 | 5:00  | 16.9        | 17.5       | 16.4        | 85         | 14.4 | 4.8           | E   | 4.83        | 17.7        | E         | 16.9          | 17.4          | 17.2 | 755.9 | 0.0   | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 6/08/07 | 6:00  | 16.6        | 16.8       | 16.2        | 84         | 13.8 | 6.4           | ENE | 6.44        | 16.1        | E         | 16.4          | 16.9          | 16.4 | 756.1 | 0.0   | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 6/08/07 | 7:00  | 16.2        | 16.7       | 15.8        | 85         | 13.7 | 8.0           | ENE | 8.05        | 25.7        | E         | 15.8          | 16.5          | 15.4 | 757.1 | 0.0   | 0.0          | 0             | 0.00            | 5                   | 0.0 |
| 6/08/07 | 8:00  | 15.7        | 16.2       | 15.5        | 82         | 12.6 | 6.4           | ENE | 6.44        | 17.7        | ENE       | 15.4          | 15.9          | 15.3 | 757.8 | 0.0   | 0.0          | 33            | 2.84            | 137                 | 0.0 |
| 6/08/07 | 9:00  | 17.8        | 19.1       | 16.2        | 71         | 12.5 | 4.8           | ENE | 4.83        | 14.5        | E         | 17.8          | 17.6          | 17.5 | 758.4 | 0.0   | 0.0          | 213           | 18.32           | 326                 | 0.5 |
| 6/08/07 | 10:00 | 20.2        | 21.3       | 19.1        | 63         | 12.9 | 11.3          | ENE | 11.27       | 25.7        | ENE       | 20.2          | 20.2          | 18.7 | 758.7 | 0.0   | 0.0          | 369           | 31.74           | 454                 | 1.3 |
| 6/08/07 | 11:00 | 21.6        | 22.3       | 20.9        | 62         | 14.0 | 9.7           | NE  | 9.66        | 22.5        | E         | 21.6          | 21.6          | 20.6 | 758.4 | 0.0   | 0.0          | 513           | 44.12           | 605                 | 2.4 |
| 6/08/07 | 12:00 | 22.9        | 23.7       | 21.8        | 61         | 15.0 | 12.9          | NE  | 12.87       | 27.4        | N         | 22.9          | 22.9          | 21.4 | 757.9 | 0.0   | 0.0          | 610           | 52.47           | 639                 | 3.4 |
| 6/08/07 | 13:00 | 24.3        | 25.2       | 23.6        | 56         | 14.9 | 12.9          | NNE | 12.87       | 25.7        | N         | 24.3          | 24.3          | 22.9 | 756.7 | 0.0   | 0.0          | 654           | 56.25           | 660                 | 4.0 |
| 6/08/07 | 14:00 | 25.9        | 26.6       | 25.0        | 54         | 15.9 | 8.0           | NE  | 8.05        | 20.9        | NNE       | 25.9          | 26.2          | 25.9 | 755.9 | 0.0   | 0.0          | 636           | 54.70           | 656                 | 3.7 |
| 6/08/07 | 15:00 | 26.9        | 27.3       | 26.6        | 50         | 15.6 | 8.0           | NNE | 8.05        | 20.9        | NNE       | 26.9          | 27.1          | 26.7 | 755.2 | 0.0   | 0.0          | 560           | 48.17           | 607                 | 2.8 |
| 6/08/07 | 16:00 | 27.7        | 28.1       | 27.3        | 47         | 15.3 | 9.7           | NNE | 9.66        | 20.9        | NNE       | 27.7          | 28.1          | 27.6 | 754.5 | 0.0   | 0.0          | 435           | 37.41           | 503                 | 1.7 |
| 6/08/07 | 17:00 | 27.6        | 28.1       | 27.1        | 49         | 15.9 | 8.0           | NE  | 8.05        | 20.9        | ENE       | 27.6          | 28.1          | 27.8 | 754.5 | 11.81 | 20.0         | 267           | 22.96           | 357                 | 0.7 |
| 6/08/07 | 18:00 | 26.8        | 27.2       | 25.9        | 54         | 16.7 | 6.4           | ENE | 6.44        | 20.9        | NE        | 26.8          | 27.3          | 27.3 | 754.4 | 0.0   | 0.0          | 90            | 7.74            | 171                 | 0.1 |
| 6/08/07 | 19:00 | 24.6        | 25.9       | 24.1        | 59         | 16.1 | 1.6           | E   | 1.61        | 11.3        | ENE       | 24.6          | 24.6          | 24.6 | 754.4 | 0.0   | 0.0          | 3             | 0.26            | 18                  | 0.0 |
| 6/08/07 | 20:00 | 23.8        | 24.1       | 23.7        | 58         | 15.0 | 6.4           | ESE | 6.44        | 12.9        | ESE       | 23.8          | 23.8          | 23.8 | 754.6 | 0.0   | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 6/08/07 | 21:00 | 23.8        | 24.1       | 23.7        | 56         | 14.5 | 4.8           | SE  | 4.83        | 11.3        | ESE       | 23.8          | 23.8          | 23.8 | 754.6 | 0.0   | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 6/08/07 | 22:00 | 23.7        | 24.1       | 22.8        | 65         | 16.7 | 1.6           | ENE | 1.61        | 9.7         | E         | 23.7          | 24.2          | 24.2 | 754.7 | 0.0   | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 6/08/07 | 23:00 | 21.1        | 22.8       | 19.5        | 79         | 17.3 | 0.0           | NE  | 0.00        | 4.8         | NE        | 21.1          | 21.9          | 21.9 | 755.1 | 0.0   | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 7/08/07 | 00:00 | 17.9        | 19.5       | 16.9        | 83         | 15.0 | 3.2           | SE  | 3.22        | 11.3        | SE        | 17.9          | 18.5          | 18.5 | 755.1 | 0.0   | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date    | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 7/08/07 | 1:00  | 18.2        | 19.2       | 16.7        | 86         | 15.8 | 3.2           | SE  | 3.22        | 20.9        | W         | 18.2          | 18.8          | 18.8 | 755.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 7/08/07 | 2:00  | 16.4        | 17.9       | 15.6        | 85         | 13.9 | 8.0           | S   | 8.05        | 12.9        | S         | 16.0          | 16.7          | 15.6 | 754.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 7/08/07 | 3:00  | 18.2        | 20.8       | 16.3        | 71         | 12.8 | 8.0           | S   | 8.05        | 27.4        | WNW       | 18.2          | 18.0          | 17.1 | 755.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 7/08/07 | 4:00  | 19.4        | 20.8       | 17.6        | 86         | 17.0 | 3.2           | WSW | 3.22        | 19.3        | WSW       | 19.4          | 20.4          | 20.4 | 755.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 7/08/07 | 5:00  | 16.3        | 17.6       | 15.2        | 87         | 14.2 | 4.8           | SW  | 4.83        | 20.9        | SW        | 16.3          | 16.7          | 16.4 | 756.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 7/08/07 | 6:00  | 14.6        | 15.2       | 14.0        | 90         | 12.9 | 4.8           | WSW | 4.83        | 27.4        | SSW       | 14.4          | 14.7          | 14.3 | 757.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 7/08/07 | 7:00  | 13.8        | 13.9       | 13.5        | 88         | 11.8 | 9.7           | SW  | 9.66        | 29.0        | SW        | 12.6          | 13.9          | 12.2 | 757.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 7/08/07 | 8:00  | 13.4        | 13.6       | 13.3        | 84         | 10.7 | 6.4           | SW  | 6.44        | 22.5        | S         | 12.7          | 13.4          | 12.6 | 758.0 | 0.0  | 0.0          | 34            | 2.92            | 113                 | 0.0 |
| 7/08/07 | 9:00  | 14.7        | 16.1       | 13.6        | 72         | 9.7  | 3.2           | W   | 3.22        | 17.7        | WSW       | 14.7          | 14.3          | 14.2 | 758.7 | 0.0  | 0.0          | 202           | 17.37           | 294                 | 0.4 |
| 7/08/07 | 10:00 | 17.4        | 18.9       | 16.1        | 53         | 7.7  | 8.0           | SSW | 8.05        | 22.5        | SSW       | 17.2          | 16.4          | 15.4 | 759.0 | 0.0  | 0.0          | 377           | 32.43           | 461                 | 1.3 |
| 7/08/07 | 11:00 | 20.6        | 21.8       | 19.1        | 45         | 8.3  | 8.0           | SSW | 8.05        | 22.5        | SSW       | 20.6          | 19.6          | 18.9 | 759.0 | 0.0  | 0.0          | 525           | 45.16           | 581                 | 2.4 |
| 7/08/07 | 12:00 | 22.4        | 23.3       | 21.6        | 39         | 7.7  | 9.7           | SSW | 9.66        | 29.0        | SSW       | 22.4          | 21.3          | 20.4 | 758.8 | 0.0  | 0.0          | 622           | 53.50           | 651                 | 3.5 |
| 7/08/07 | 13:00 | 23.3        | 23.8       | 22.7        | 35         | 7.0  | 8.0           | SSW | 8.05        | 24.1        | S         | 23.3          | 22.3          | 21.8 | 758.4 | 0.0  | 0.0          | 659           | 56.68           | 663                 | 3.9 |
| 7/08/07 | 14:00 | 24.4        | 24.9       | 23.7        | 36         | 8.3  | 6.4           | SSW | 6.44        | 27.4        | S         | 24.4          | 23.4          | 23.4 | 757.8 | 0.0  | 0.0          | 635           | 54.62           | 656                 | 3.6 |
| 7/08/07 | 15:00 | 24.9        | 25.3       | 24.5        | 35         | 8.4  | 4.8           | SW  | 4.83        | 20.9        | W         | 24.9          | 23.9          | 23.9 | 757.3 | 0.0  | 0.0          | 557           | 47.91           | 604                 | 2.7 |
| 7/08/07 | 16:00 | 24.8        | 25.0       | 24.6        | 36         | 8.7  | 4.8           | SSW | 4.83        | 19.3        | SSW       | 24.8          | 23.8          | 23.8 | 757.2 | 0.0  | 0.0          | 430           | 36.98           | 501                 | 1.6 |
| 7/08/07 | 17:00 | 24.5        | 24.9       | 24.1        | 31         | 6.3  | 4.8           | SSW | 4.83        | 20.9        | SSW       | 24.5          | 23.5          | 23.5 | 757.5 | 0.0  | 0.0          | 268           | 23.05           | 352                 | 0.7 |
| 7/08/07 | 18:00 | 22.9        | 24.1       | 20.9        | 40         | 8.6  | 4.8           | SSW | 4.83        | 14.5        | S         | 22.9          | 21.9          | 21.9 | 757.7 | 0.0  | 0.0          | 96            | 8.26            | 181                 | 0.1 |
| 7/08/07 | 19:00 | 17.7        | 20.9       | 15.4        | 55         | 8.6  | 4.8           | SSE | 4.83        | 9.7         | S         | 17.7          | 16.9          | 16.8 | 757.7 | 0.0  | 0.0          | 4             | 0.34            | 21                  | 0.0 |
| 7/08/07 | 20:00 | 14.1        | 15.7       | 13.2        | 68         | 8.3  | 6.4           | SSE | 6.44        | 9.7         | SSE       | 13.5          | 13.6          | 12.8 | 758.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 7/08/07 | 21:00 | 13.3        | 14.0       | 12.9        | 66         | 7.1  | 4.8           | SSE | 4.83        | 9.7         | SSE       | 13.0          | 12.8          | 12.2 | 758.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 7/08/07 | 22:00 | 12.7        | 13.7       | 12.1        | 73         | 7.9  | 3.2           | SSE | 3.22        | 11.3        | SSE       | 12.7          | 12.3          | 12.1 | 758.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 7/08/07 | 23:00 | 12.4        | 12.8       | 11.6        | 78         | 8.7  | 3.2           | SSE | 3.22        | 9.7         | SSE       | 12.4          | 12.3          | 12.1 | 758.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 8/08/07 | 00:00 | 11.1        | 11.7       | 10.4        | 77         | 7.2  | 4.8           | SSE | 4.83        | 11.3        | SSE       | 10.4          | 10.9          | 10.2 | 758.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date    | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|---------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 8/08/07 | 1:00  | 11.3        | 11.9       | 10.8        | 76         | 7.3  | 3.2           | SSE | 3.22        | 8.0         | SSE       | 11.2          | 11.2          | 11.0 | 757.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 8/08/07 | 2:00  | 11.1        | 11.6       | 10.4        | 81         | 8.0  | 3.2           | SSE | 3.22        | 8.0         | SSE       | 11.0          | 11.1          | 10.8 | 757.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 8/08/07 | 3:00  | 10.3        | 11.1       | 9.7         | 85         | 7.9  | 3.2           | S   | 3.22        | 9.7         | S         | 10.1          | 10.3          | 10.1 | 756.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 8/08/07 | 4:00  | 9.6         | 10.1       | 9.2         | 84         | 7.0  | 4.8           | SSE | 4.83        | 9.7         | SSE       | 8.6           | 9.7           | 8.7  | 756.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 8/08/07 | 5:00  | 9.9         | 10.3       | 9.6         | 85         | 7.5  | 3.2           | SSE | 3.22        | 8.0         | SSE       | 9.7           | 10.0          | 9.7  | 756.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 8/08/07 | 6:00  | 9.2         | 9.6        | 8.9         | 86         | 7.0  | 4.8           | S   | 4.83        | 11.3        | SSE       | 8.2           | 9.3           | 8.2  | 756.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 8/08/07 | 7:00  | 9.6         | 10.4       | 8.9         | 84         | 7.0  | 3.2           | S   | 3.22        | 9.7         | S         | 9.2           | 9.6           | 9.3  | 757.3 | 0.0  | 0.0          | 0             | 0.00            | 5                   | 0.0 |
| 8/08/07 | 8:00  | 10.3        | 11.6       | 9.7         | 86         | 8.1  | 3.2           | S   | 3.22        | 9.7         | S         | 10.1          | 10.4          | 10.1 | 757.8 | 0.0  | 0.0          | 48            | 4.13            | 120                 | 0.0 |
| 8/08/07 | 9:00  | 14.6        | 16.2       | 11.6        | 69         | 9.0  | 0.0           | NNE | 0.00        | 4.8         | NNE       | 14.6          | 14.1          | 14.1 | 758.2 | 0.0  | 0.0          | 204           | 17.55           | 289                 | 0.4 |
| 8/08/07 | 10:00 | 17.6        | 19.3       | 16.2        | 61         | 10.0 | 0.0           | NNE | 0.00        | 8.0         | NNE       | 17.6          | 17.2          | 17.2 | 758.4 | 0.0  | 0.0          | 371           | 31.91           | 450                 | 1.3 |
| 8/08/07 | 11:00 | 20.7        | 22.4       | 19.3        | 59         | 12.4 | 3.2           | N   | 3.22        | 11.3        | NNE       | 20.7          | 20.6          | 20.6 | 758.3 | 0.0  | 0.0          | 511           | 43.95           | 575                 | 2.3 |
| 8/08/07 | 12:00 | 24.2        | 25.4       | 22.4        | 55         | 14.6 | 9.7           | NNE | 9.66        | 19.3        | NNE       | 24.2          | 24.2          | 23.4 | 758.0 | 0.0  | 0.0          | 606           | 52.12           | 658                 | 3.3 |
| 8/08/07 | 13:00 | 25.8        | 26.7       | 24.7        | 51         | 14.9 | 8.0           | NE  | 8.05        | 16.1        | NE        | 25.8          | 25.8          | 25.5 | 757.1 | 0.0  | 0.0          | 644           | 55.39           | 672                 | 3.7 |
| 8/08/07 | 14:00 | 27.8        | 28.9       | 26.6        | 45         | 14.8 | 8.0           | NE  | 8.05        | 17.7        | NNE       | 27.8          | 28.2          | 27.9 | 756.0 | 0.0  | 0.0          | 612           | 52.64           | 684                 | 3.5 |
| 8/08/07 | 15:00 | 29.2        | 29.8       | 28.7        | 44         | 15.7 | 9.7           | NE  | 9.66        | 19.3        | NE        | 29.2          | 29.6          | 29.1 | 755.3 | 0.0  | 0.0          | 505           | 43.44           | 589                 | 2.6 |
| 8/08/07 | 16:00 | 29.9        | 30.6       | 29.5        | 39         | 14.4 | 8.0           | NE  | 8.05        | 20.9        | ENE       | 29.9          | 29.8          | 29.5 | 754.8 | 0.0  | 0.0          | 383           | 32.94           | 509                 | 1.5 |
| 8/08/07 | 17:00 | 30.6        | 30.9       | 30.3        | 38         | 14.7 | 8.0           | ENE | 8.05        | 20.9        | ENE       | 30.6          | 30.4          | 30.3 | 754.6 | 0.0  | 0.0          | 268           | 23.05           | 382                 | 0.8 |
| 8/08/07 | 18:00 | 29.3        | 30.4       | 27.6        | 50         | 17.8 | 4.8           | ENE | 4.83        | 12.9        | ENE       | 29.3          | 30.3          | 30.3 | 754.6 | 0.0  | 0.0          | 95            | 8.17            | 194                 | 0.2 |
| 8/08/07 | 19:00 | 26.2        | 27.6       | 25.6        | 47         | 14.0 | 3.2           | E   | 3.22        | 12.9        | E         | 26.2          | 26.2          | 26.2 | 754.9 | 0.0  | 0.0          | 5             | 0.43            | 30                  | 0.0 |
| 8/08/07 | 20:00 | 25.5        | 25.8       | 25.2        | 46         | 13.0 | 8.0           | E   | 8.05        | 16.1        | ENE       | 25.5          | 25.3          | 24.9 | 755.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 8/08/07 | 21:00 | 24.7        | 25.6       | 23.8        | 58         | 15.9 | 6.4           | E   | 6.44        | 16.1        | ENE       | 24.7          | 24.7          | 24.7 | 755.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 8/08/07 | 22:00 | 23.8        | 24.1       | 23.4        | 55         | 14.2 | 6.4           | ESE | 6.44        | 16.1        | E         | 23.8          | 23.8          | 23.8 | 755.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 8/08/07 | 23:00 | 24.2        | 24.5       | 23.9        | 51         | 13.4 | 8.0           | E   | 8.05        | 17.7        | ENE       | 24.2          | 24.2          | 23.8 | 755.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 9/08/07 | 00:00 | 24.7        | 25.1       | 24.2        | 53         | 14.5 | 9.7           | ENE | 9.66        | 20.9        | ENE       | 24.7          | 24.7          | 24.0 | 755.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 9/08/07  | 1:00  | 24.1        | 24.4       | 23.8        | 50         | 13.0 | 6.4           | ENE | 6.44        | 19.3        | NNE       | 24.1          | 24.1          | 24.1 | 755.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 9/08/07  | 2:00  | 23.9        | 24.3       | 23.7        | 47         | 11.9 | 9.7           | ENE | 9.66        | 20.9        | E         | 23.9          | 23.7          | 22.8 | 755.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 9/08/07  | 3:00  | 23.3        | 24.1       | 22.5        | 55         | 13.8 | 11.3          | E   | 11.27       | 20.9        | ENE       | 23.3          | 23.3          | 22.1 | 755.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 9/08/07  | 4:00  | 21.8        | 22.5       | 21.3        | 60         | 13.7 | 8.0           | E   | 8.05        | 20.9        | ENE       | 21.8          | 21.8          | 21.3 | 755.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 9/08/07  | 5:00  | 20.8        | 21.6       | 19.9        | 68         | 14.7 | 8.0           | E   | 8.05        | 17.7        | E         | 20.8          | 20.8          | 20.1 | 755.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 9/08/07  | 6:00  | 19.9        | 20.3       | 19.5        | 74         | 15.2 | 3.2           | E   | 3.22        | 11.3        | E         | 19.9          | 20.3          | 20.3 | 755.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 9/08/07  | 7:00  | 19.2        | 19.9       | 18.6        | 74         | 14.4 | 0.0           | NNE | 0.00        | 3.2         | NNE       | 19.2          | 19.4          | 19.4 | 756.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 9/08/07  | 8:00  | 18.1        | 18.7       | 17.4        | 81         | 14.7 | 0.0           | --- | 0.00        | 0.0         | ---       | 18.1          | 18.7          | 18.7 | 757.1 | 0.0  | 0.0          | 56            | 4.82            | 146                 | 0.0 |
| 9/08/07  | 9:00  | 21.7        | 23.8       | 18.5        | 54         | 12.0 | 8.0           | ENE | 8.05        | 25.7        | E         | 21.7          | 21.1          | 20.5 | 757.8 | 0.0  | 0.0          | 199           | 17.12           | 357                 | 0.5 |
| 9/08/07  | 10:00 | 23.5        | 24.1       | 23.2        | 59         | 15.0 | 9.7           | NE  | 9.66        | 22.5        | NE        | 23.5          | 23.5          | 22.6 | 758.1 | 0.0  | 0.0          | 332           | 28.56           | 428                 | 1.2 |
| 9/08/07  | 11:00 | 24.6        | 25.3       | 23.9        | 56         | 15.2 | 11.3          | NE  | 11.27       | 25.7        | NNE       | 24.6          | 24.6          | 23.6 | 758.0 | 0.0  | 0.0          | 510           | 43.87           | 604                 | 2.3 |
| 9/08/07  | 12:00 | 25.6        | 26.6       | 24.7        | 55         | 15.9 | 11.3          | NE  | 11.27       | 20.9        | NE        | 25.6          | 25.9          | 24.9 | 757.7 | 0.0  | 0.0          | 484           | 41.63           | 611                 | 2.8 |
| 9/08/07  | 13:00 | 27.8        | 28.6       | 26.6        | 40         | 12.9 | 12.9          | NE  | 12.87       | 29.0        | ENE       | 27.8          | 27.8          | 26.9 | 756.8 | 0.0  | 0.0          | 565           | 48.60           | 670                 | 3.3 |
| 9/08/07  | 14:00 | 28.7        | 29.7       | 28.2        | 40         | 13.8 | 14.5          | ENE | 14.48       | 27.4        | NE        | 28.7          | 28.7          | 27.7 | 755.8 | 0.0  | 0.0          | 493           | 42.40           | 646                 | 3.0 |
| 9/08/07  | 15:00 | 30.1        | 30.7       | 29.6        | 36         | 13.3 | 12.9          | NE  | 12.87       | 24.1        | ENE       | 30.1          | 29.7          | 29.0 | 755.1 | 0.0  | 0.0          | 548           | 47.13           | 628                 | 2.7 |
| 9/08/07  | 16:00 | 30.2        | 30.7       | 29.7        | 39         | 14.7 | 11.3          | NE  | 11.27       | 27.4        | NE        | 30.2          | 30.1          | 29.5 | 754.8 | 0.0  | 0.0          | 399           | 34.32           | 560                 | 1.6 |
| 9/08/07  | 17:00 | 29.2        | 29.7       | 28.8        | 37         | 13.0 | 9.7           | ENE | 9.66        | 22.5        | NE        | 29.2          | 28.9          | 28.4 | 754.8 | 0.0  | 0.0          | 183           | 15.74           | 282                 | 0.7 |
| 9/08/07  | 18:00 | 28.7        | 29.1       | 27.9        | 34         | 11.3 | 9.7           | ENE | 9.66        | 27.4        | E         | 28.7          | 28.1          | 27.6 | 754.8 | 0.0  | 0.0          | 70            | 6.02            | 118                 | 0.1 |
| 9/08/07  | 19:00 | 26.8        | 27.9       | 25.8        | 39         | 11.7 | 6.4           | E   | 6.44        | 19.3        | ENE       | 26.8          | 26.7          | 26.7 | 755.1 | 0.0  | 0.0          | 3             | 0.26            | 19                  | 0.0 |
| 9/08/07  | 20:00 | 25.9        | 26.3       | 25.4        | 36         | 9.7  | 8.0           | ENE | 8.05        | 20.9        | E         | 25.9          | 25.4          | 25.0 | 755.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 9/08/07  | 21:00 | 25.5        | 26.3       | 24.6        | 41         | 11.3 | 6.4           | ENE | 6.44        | 20.9        | E         | 25.5          | 25.1          | 25.1 | 755.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 9/08/07  | 22:00 | 24.6        | 24.8       | 24.2        | 43         | 11.1 | 8.0           | E   | 8.05        | 17.7        | ENE       | 24.6          | 23.8          | 23.4 | 755.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 9/08/07  | 23:00 | 24.3        | 24.5       | 24.1        | 45         | 11.6 | 6.4           | E   | 6.44        | 16.1        | E         | 24.3          | 23.8          | 23.8 | 756.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 10/08/07 | 00:00 | 23.4        | 24.1       | 22.7        | 48         | 11.8 | 4.8           | E   | 4.83        | 11.3        | E         | 23.4          | 23.2          | 23.2 | 755.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 10/08/07 | 1:00  | 22.8        | 23.4       | 22.0        | 49         | 11.5 | 4.8           | E   | 4.83        | 11.3        | E         | 22.8          | 22.5          | 22.5 | 755.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 10/08/07 | 2:00  | 22.7        | 22.9       | 22.0        | 56         | 13.4 | 8.0           | ENE | 8.05        | 19.3        | ENE       | 22.7          | 22.6          | 22.0 | 755.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 10/08/07 | 3:00  | 21.3        | 22.1       | 20.6        | 57         | 12.4 | 3.2           | ENE | 3.22        | 12.9        | NE        | 21.3          | 21.0          | 21.0 | 755.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 10/08/07 | 4:00  | 20.7        | 21.7       | 19.6        | 71         | 15.2 | 4.8           | NE  | 4.83        | 12.9        | NE        | 20.7          | 20.8          | 20.8 | 755.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 10/08/07 | 5:00  | 19.0        | 19.6       | 18.3        | 73         | 14.0 | 1.6           | ENE | 1.61        | 9.7         | NW        | 19.0          | 19.2          | 19.2 | 756.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 10/08/07 | 6:00  | 16.1        | 18.3       | 15.3        | 82         | 13.0 | 4.8           | S   | 4.83        | 9.7         | SE        | 16.1          | 16.3          | 16.0 | 756.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 10/08/07 | 7:00  | 17.8        | 18.9       | 15.6        | 70         | 12.3 | 3.2           | E   | 3.22        | 11.3        | SE        | 17.8          | 17.5          | 17.5 | 756.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 10/08/07 | 8:00  | 19.3        | 20.5       | 18.7        | 67         | 13.0 | 3.2           | E   | 3.22        | 9.7         | E         | 19.3          | 19.2          | 19.2 | 757.6 | 0.0  | 0.0          | 45            | 3.87            | 114                 | 0.0 |
| 10/08/07 | 9:00  | 22.1        | 23.1       | 20.5        | 59         | 13.7 | 8.0           | ENE | 8.05        | 19.3        | NE        | 22.1          | 22.1          | 21.5 | 758.4 | 0.0  | 0.0          | 216           | 18.58           | 322                 | 0.5 |
| 10/08/07 | 10:00 | 23.6        | 24.4       | 22.9        | 60         | 15.3 | 9.7           | NE  | 9.66        | 19.3        | NNE       | 23.6          | 23.6          | 22.7 | 758.7 | 0.0  | 0.0          | 393           | 33.80           | 482                 | 1.4 |
| 10/08/07 | 11:00 | 25.3        | 26.0       | 24.3        | 54         | 15.4 | 11.3          | NE  | 11.27       | 20.9        | NE        | 25.3          | 25.4          | 24.5 | 758.4 | 0.0  | 0.0          | 540           | 46.45           | 616                 | 2.5 |
| 10/08/07 | 12:00 | 26.8        | 28.1       | 25.5        | 48         | 14.9 | 11.3          | NE  | 11.27       | 22.5        | NE        | 26.8          | 26.9          | 26.1 | 757.9 | 0.0  | 0.0          | 645           | 55.48           | 688                 | 3.6 |
| 10/08/07 | 13:00 | 29.1        | 30.2       | 28.0        | 41         | 14.5 | 11.3          | ENE | 11.27       | 20.9        | NE        | 29.1          | 29.2          | 28.6 | 757.2 | 0.0  | 0.0          | 678           | 58.32           | 744                 | 4.0 |
| 10/08/07 | 14:00 | 30.5        | 31.4       | 29.9        | 39         | 15.0 | 12.9          | NE  | 12.87       | 22.5        | NE        | 30.5          | 30.4          | 29.8 | 756.3 | 0.0  | 0.0          | 645           | 55.48           | 707                 | 3.7 |
| 10/08/07 | 15:00 | 31.3        | 31.6       | 31.1        | 37         | 14.8 | 9.7           | NE  | 9.66        | 19.3        | ENE       | 31.3          | 31.2          | 30.9 | 756.0 | 0.0  | 0.0          | 565           | 48.60           | 646                 | 2.7 |
| 10/08/07 | 16:00 | 31.2        | 31.7       | 30.7        | 41         | 16.4 | 6.4           | ENE | 6.44        | 16.1        | NE        | 31.2          | 31.7          | 31.7 | 756.0 | 0.0  | 0.0          | 372           | 32.00           | 514                 | 1.6 |
| 10/08/07 | 17:00 | 31.0        | 31.2       | 30.1        | 39         | 15.4 | 6.4           | ENE | 6.44        | 16.1        | ENE       | 31.0          | 31.0          | 31.0 | 756.2 | 0.0  | 0.0          | 274           | 23.57           | 380                 | 0.8 |
| 10/08/07 | 18:00 | 29.2        | 30.1       | 27.4        | 52         | 18.4 | 3.2           | ENE | 3.22        | 11.3        | ENE       | 29.2          | 30.4          | 30.4 | 756.6 | 0.0  | 0.0          | 106           | 9.12            | 211                 | 0.2 |
| 10/08/07 | 19:00 | 27.5        | 28.4       | 26.2        | 46         | 14.8 | 6.4           | SSW | 6.44        | 22.5        | SSW       | 27.5          | 27.8          | 27.8 | 757.1 | 0.0  | 0.0          | 5             | 0.43            | 35                  | 0.0 |
| 10/08/07 | 20:00 | 25.5        | 26.2       | 24.1        | 58         | 16.6 | 8.0           | SW  | 8.05        | 29.0        | SW        | 25.5          | 25.9          | 25.5 | 758.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 10/08/07 | 21:00 | 21.4        | 24.1       | 19.7        | 68         | 15.3 | 8.0           | SW  | 8.05        | 33.8        | SW        | 21.4          | 21.4          | 20.9 | 759.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 10/08/07 | 22:00 | 18.7        | 19.6       | 17.7        | 71         | 13.3 | 8.0           | SW  | 8.05        | 29.0        | SSW       | 18.7          | 18.6          | 17.7 | 759.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 10/08/07 | 23:00 | 17.1        | 17.8       | 16.4        | 76         | 12.8 | 8.0           | SW  | 8.05        | 22.5        | SW        | 16.8          | 17.2          | 16.1 | 760.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 11/08/07 | 00:00 | 15.9        | 16.4       | 15.3        | 77         | 11.9 | 3.2           | SW  | 3.22        | 22.5        | SW        | 15.9          | 15.9          | 15.9 | 760.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 11/08/07 | 1:00  | 14.7        | 15.3       | 14.2        | 81         | 11.5 | 6.4           | SW  | 6.44        | 20.9        | SSW       | 14.2          | 14.8          | 14.1 | 760.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 11/08/07 | 2:00  | 13.9        | 14.2       | 13.7        | 85         | 11.5 | 4.8           | SW  | 4.83        | 20.9        | SSW       | 13.7          | 14.0          | 13.5 | 760.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 11/08/07 | 3:00  | 13.7        | 13.7       | 13.4        | 88         | 11.7 | 3.2           | WSW | 3.22        | 12.9        | WSW       | 13.7          | 13.8          | 13.6 | 760.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 11/08/07 | 4:00  | 13.2        | 13.4       | 13.0        | 87         | 11.0 | 3.2           | SW  | 3.22        | 11.3        | SSW       | 13.2          | 13.2          | 13.1 | 760.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 11/08/07 | 5:00  | 12.8        | 13.0       | 12.6        | 88         | 10.9 | 1.6           | SW  | 1.61        | 11.3        | SW        | 12.8          | 12.9          | 12.9 | 760.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 11/08/07 | 6:00  | 12.4        | 12.6       | 12.3        | 90         | 10.8 | 0.0           | WSW | 0.00        | 8.0         | WSW       | 12.4          | 12.6          | 12.6 | 760.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 11/08/07 | 7:00  | 11.9        | 12.3       | 11.8        | 92         | 10.7 | 0.0           | --- | 0.00        | 0.0         | ---       | 11.9          | 12.1          | 12.1 | 760.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 11/08/07 | 8:00  | 11.9        | 12.6       | 11.7        | 91         | 10.5 | 0.0           | WSW | 0.00        | 4.8         | SW        | 11.9          | 12.1          | 12.1 | 761.2 | 0.0  | 0.0          | 50            | 4.30            | 111                 | 0.0 |
| 11/08/07 | 9:00  | 13.5        | 14.8       | 12.6        | 84         | 10.8 | 3.2           | W   | 3.22        | 16.1        | WSW       | 13.5          | 13.6          | 13.4 | 762.0 | 0.0  | 0.0          | 169           | 14.54           | 317                 | 0.4 |
| 11/08/07 | 10:00 | 16.6        | 17.9       | 14.8        | 75         | 12.1 | 6.4           | SW  | 6.44        | 16.1        | W         | 16.4          | 16.5          | 16.0 | 762.2 | 0.0  | 0.0          | 371           | 31.91           | 454                 | 1.2 |
| 11/08/07 | 11:00 | 19.2        | 20.8       | 17.7        | 65         | 12.5 | 6.4           | W   | 6.44        | 17.7        | W         | 19.2          | 19.1          | 18.9 | 762.0 | 0.0  | 0.0          | 520           | 44.73           | 593                 | 2.2 |
| 11/08/07 | 12:00 | 20.3        | 21.1       | 19.6        | 70         | 14.7 | 6.4           | NW  | 6.44        | 19.3        | NW        | 20.3          | 20.3          | 20.2 | 761.4 | 0.0  | 0.0          | 603           | 51.86           | 651                 | 3.2 |
| 11/08/07 | 13:00 | 21.4        | 22.1       | 20.3        | 65         | 14.5 | 8.0           | WNW | 8.05        | 19.3        | NW        | 21.4          | 21.4          | 20.8 | 760.9 | 0.0  | 0.0          | 621           | 53.41           | 697                 | 3.5 |
| 11/08/07 | 14:00 | 22.7        | 23.3       | 22.0        | 64         | 15.5 | 9.7           | NW  | 9.66        | 19.3        | NW        | 22.7          | 22.9          | 22.0 | 760.2 | 0.0  | 0.0          | 603           | 51.86           | 674                 | 3.3 |
| 11/08/07 | 15:00 | 23.9        | 24.6       | 23.1        | 60         | 15.7 | 9.7           | WNW | 9.66        | 17.7        | NW        | 23.9          | 23.9          | 23.1 | 759.5 | 0.0  | 0.0          | 559           | 48.08           | 602                 | 2.6 |
| 11/08/07 | 16:00 | 25.3        | 25.7       | 24.5        | 57         | 16.1 | 6.4           | NW  | 6.44        | 16.1        | W         | 25.3          | 25.5          | 25.5 | 759.3 | 0.0  | 0.0          | 434           | 37.33           | 501                 | 1.6 |
| 11/08/07 | 17:00 | 25.4        | 25.6       | 25.1        | 61         | 17.3 | 4.8           | WNW | 4.83        | 16.1        | NW        | 25.4          | 25.8          | 25.8 | 759.2 | 0.0  | 0.0          | 263           | 22.62           | 355                 | 0.7 |
| 11/08/07 | 18:00 | 23.8        | 25.1       | 22.9        | 65         | 16.9 | 6.4           | WNW | 6.44        | 16.1        | W         | 23.8          | 24.3          | 24.3 | 759.4 | 0.0  | 0.0          | 83            | 7.14            | 179                 | 0.1 |
| 11/08/07 | 19:00 | 21.6        | 22.9       | 19.1        | 79         | 17.8 | 0.0           | W   | 0.00        | 4.8         | W         | 21.6          | 22.5          | 22.5 | 759.7 | 0.0  | 0.0          | 4             | 0.34            | 23                  | 0.0 |
| 11/08/07 | 20:00 | 17.6        | 19.1       | 17.1        | 86         | 15.2 | 3.2           | SSE | 3.22        | 9.7         | SSE       | 17.6          | 18.1          | 18.0 | 759.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 11/08/07 | 21:00 | 17.1        | 17.4       | 16.3        | 86         | 14.7 | 0.0           | SSE | 0.00        | 6.4         | SSE       | 17.1          | 17.6          | 17.6 | 760.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 11/08/07 | 22:00 | 16.1        | 16.4       | 15.4        | 90         | 14.5 | 3.2           | SSE | 3.22        | 8.0         | SSE       | 16.1          | 16.4          | 16.4 | 760.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 11/08/07 | 23:00 | 15.5        | 16.1       | 14.7        | 87         | 13.3 | 4.8           | SSE | 4.83        | 8.0         | SSE       | 15.5          | 15.7          | 15.4 | 760.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 12/08/07 | 00:00 | 16.6        | 17.7       | 15.4        | 86         | 14.2 | 0.0           | SSE | 0.00        | 8.0         | SSE       | 16.6          | 16.9          | 16.9 | 760.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 12/08/07 | 1:00  | 16.8        | 17.1       | 16.4        | 94         | 15.8 | 0.0           | --- | 0.00        | 0.0         | ---       | 16.8          | 17.1          | 17.1 | 759.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 12/08/07 | 2:00  | 17.1        | 17.3       | 16.8        | 91         | 15.6 | 0.0           | --- | 0.00        | 0.0         | ---       | 17.1          | 17.6          | 17.6 | 759.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 12/08/07 | 3:00  | 16.4        | 16.9       | 16.1        | 88         | 14.5 | 0.0           | E   | 0.00        | 1.6         | SSE       | 16.4          | 16.8          | 16.8 | 759.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 12/08/07 | 4:00  | 15.6        | 16.4       | 15.3        | 94         | 14.6 | 0.0           | --- | 0.00        | 0.0         | ---       | 15.6          | 15.7          | 15.7 | 758.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 12/08/07 | 5:00  | 15.3        | 15.8       | 14.9        | 97         | 14.9 | 0.0           | --- | 0.00        | 0.0         | ---       | 15.3          | 15.5          | 15.5 | 758.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 12/08/07 | 6:00  | 16.6        | 17.8       | 15.0        | 81         | 13.3 | 3.2           | ESE | 3.22        | 11.3        | SE        | 16.6          | 16.9          | 16.9 | 759.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 12/08/07 | 7:00  | 17.7        | 17.9       | 17.3        | 79         | 14.0 | 8.0           | ESE | 8.05        | 16.1        | ESE       | 17.6          | 18.2          | 17.2 | 760.0 | 0.0  | 0.0          | 1             | 0.09            | 9                   | 0.0 |
| 12/08/07 | 8:00  | 17.8        | 18.2       | 17.5        | 77         | 13.7 | 6.4           | ESE | 6.44        | 16.1        | SE        | 17.8          | 18.1          | 17.7 | 760.5 | 0.0  | 0.0          | 62            | 5.33            | 114                 | 0.0 |
| 12/08/07 | 9:00  | 18.9        | 20.2       | 18.2        | 68         | 12.9 | 9.7           | E   | 9.66        | 20.9        | E         | 18.9          | 18.8          | 17.5 | 761.0 | 0.0  | 0.0          | 192           | 16.51           | 317                 | 0.5 |
| 12/08/07 | 10:00 | 21.1        | 22.2       | 20.2        | 60         | 13.0 | 14.5          | E   | 14.48       | 29.0        | E         | 21.1          | 21.1          | 18.9 | 761.4 | 0.0  | 0.0          | 380           | 32.68           | 475                 | 1.3 |
| 12/08/07 | 11:00 | 22.8        | 23.6       | 22.1        | 60         | 14.6 | 11.3          | NE  | 11.27       | 27.4        | ESE       | 22.8          | 22.8          | 21.5 | 761.4 | 0.0  | 0.0          | 539           | 46.36           | 598                 | 2.4 |
| 12/08/07 | 12:00 | 23.7        | 24.2       | 23.3        | 56         | 14.4 | 14.5          | NE  | 14.48       | 27.4        | ENE       | 23.7          | 23.7          | 22.0 | 760.8 | 0.0  | 0.0          | 630           | 54.19           | 702                 | 3.4 |
| 12/08/07 | 13:00 | 24.5        | 24.9       | 23.8        | 53         | 14.3 | 14.5          | NE  | 14.48       | 27.4        | NNE       | 24.5          | 24.5          | 22.9 | 759.7 | 0.0  | 0.0          | 659           | 56.68           | 725                 | 3.7 |
| 12/08/07 | 14:00 | 25.7        | 26.3       | 24.7        | 50         | 14.5 | 11.3          | NE  | 11.27       | 22.5        | NE        | 25.7          | 25.7          | 24.8 | 758.7 | 0.0  | 0.0          | 672           | 57.80           | 699                 | 3.7 |
| 12/08/07 | 15:00 | 26.9        | 27.6       | 26.1        | 49         | 15.3 | 9.7           | NE  | 9.66        | 20.9        | NNE       | 26.9          | 26.9          | 26.3 | 758.0 | 0.0  | 0.0          | 631           | 54.27           | 792                 | 2.9 |
| 12/08/07 | 16:00 | 26.8        | 27.3       | 26.3        | 51         | 15.8 | 8.0           | NE  | 8.05        | 17.7        | NNE       | 26.8          | 27.0          | 26.7 | 757.6 | 0.0  | 0.0          | 367           | 31.57           | 493                 | 1.5 |
| 12/08/07 | 17:00 | 27.2        | 27.3       | 26.9        | 47         | 14.9 | 9.7           | NE  | 9.66        | 22.5        | ENE       | 27.2          | 27.3          | 26.8 | 757.3 | 0.0  | 0.0          | 293           | 25.20           | 384                 | 0.8 |
| 12/08/07 | 18:00 | 25.9        | 26.9       | 25.1        | 55         | 16.2 | 8.0           | ENE | 8.05        | 19.3        | NE        | 25.9          | 26.4          | 26.0 | 757.1 | 0.0  | 0.0          | 108           | 9.29            | 197                 | 0.2 |
| 12/08/07 | 19:00 | 23.6        | 25.1       | 22.7        | 64         | 16.4 | 3.2           | E   | 3.22        | 11.3        | ESE       | 23.6          | 24.0          | 24.0 | 757.1 | 0.0  | 0.0          | 5             | 0.43            | 26                  | 0.0 |
| 12/08/07 | 20:00 | 22.1        | 22.7       | 21.6        | 64         | 15.0 | 6.4           | ESE | 6.44        | 11.3        | ESE       | 22.1          | 22.2          | 22.2 | 757.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 12/08/07 | 21:00 | 21.3        | 22.2       | 20.2        | 68         | 15.1 | 8.0           | SE  | 8.05        | 19.3        | ESE       | 21.3          | 21.3          | 20.7 | 757.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 12/08/07 | 22:00 | 21.9        | 22.3       | 21.3        | 65         | 15.1 | 14.5          | ESE | 14.48       | 27.4        | SE        | 21.9          | 22.0          | 20.0 | 757.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 12/08/07 | 23:00 | 21.8        | 22.2       | 21.7        | 65         | 15.0 | 12.9          | ESE | 12.87       | 30.6        | ESE       | 21.8          | 21.9          | 20.2 | 757.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 13/08/07 | 00:00 | 21.6        | 21.9       | 21.3        | 65         | 14.7 | 11.3          | ESE | 11.27       | 25.7        | ESE       | 21.6          | 21.6          | 20.2 | 757.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 13/08/07 | 1:00  | 21.1        | 21.3       | 20.8        | 68         | 14.9 | 11.3          | E   | 11.27       | 27.4        | E         | 21.1          | 21.1          | 19.6 | 757.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 13/08/07 | 2:00  | 20.6        | 20.8       | 20.3        | 73         | 15.5 | 9.7           | E   | 9.66        | 22.5        | E         | 20.6          | 20.8          | 19.7 | 757.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 13/08/07 | 3:00  | 20.1        | 20.3       | 19.9        | 73         | 15.1 | 11.3          | E   | 11.27       | 27.4        | E         | 20.1          | 20.3          | 18.8 | 757.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 13/08/07 | 4:00  | 19.5        | 19.9       | 19.1        | 75         | 14.9 | 12.9          | ENE | 12.87       | 27.4        | E         | 19.3          | 19.9          | 18.0 | 757.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 13/08/07 | 5:00  | 18.7        | 19.1       | 18.5        | 77         | 14.6 | 11.3          | ENE | 11.27       | 22.5        | ENE       | 18.5          | 19.2          | 17.6 | 757.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 13/08/07 | 6:00  | 18.3        | 18.5       | 18.2        | 76         | 14.0 | 14.5          | ENE | 14.48       | 29.0        | E         | 17.7          | 18.7          | 16.2 | 757.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 13/08/07 | 7:00  | 18.2        | 18.4       | 17.9        | 77         | 14.1 | 14.5          | ENE | 14.48       | 25.7        | E         | 17.5          | 18.6          | 16.1 | 757.9 | 0.0  | 0.0          | 1             | 0.09            | 5                   | 0.0 |
| 13/08/07 | 8:00  | 18.4        | 19.2       | 17.9        | 72         | 13.2 | 12.9          | ENE | 12.87       | 25.7        | ENE       | 17.9          | 18.3          | 16.3 | 758.4 | 0.0  | 0.0          | 50            | 4.30            | 134                 | 0.0 |
| 13/08/07 | 9:00  | 20.5        | 21.7       | 19.2        | 63         | 13.2 | 14.5          | ENE | 14.48       | 27.4        | ENE       | 20.5          | 20.5          | 18.3 | 759.3 | 0.0  | 0.0          | 234           | 20.13           | 336                 | 0.6 |
| 13/08/07 | 10:00 | 22.4        | 22.9       | 21.7        | 64         | 15.3 | 14.5          | ENE | 14.48       | 30.6        | E         | 22.4          | 22.6          | 20.7 | 759.7 | 0.0  | 0.0          | 385           | 33.11           | 470                 | 1.4 |
| 13/08/07 | 11:00 | 23.5        | 24.4       | 22.6        | 57         | 14.5 | 14.5          | NE  | 14.48       | 29.0        | NE        | 23.5          | 23.5          | 21.7 | 759.6 | 0.0  | 0.0          | 550           | 47.31           | 605                 | 2.6 |
| 13/08/07 | 12:00 | 25.4        | 26.2       | 24.4        | 48         | 13.6 | 17.7          | NE  | 17.70       | 32.2        | NE        | 25.4          | 25.3          | 23.4 | 759.0 | 0.0  | 0.0          | 649           | 55.82           | 681                 | 3.7 |
| 13/08/07 | 13:00 | 27.0        | 28.0       | 26.1        | 46         | 14.4 | 14.5          | NE  | 14.48       | 29.0        | NE        | 27.0          | 27.1          | 25.9 | 758.1 | 0.0  | 0.0          | 691           | 59.43           | 704                 | 4.1 |
| 13/08/07 | 14:00 | 28.4        | 28.9       | 27.7        | 42         | 14.2 | 12.9          | NE  | 12.87       | 27.4        | NE        | 28.4          | 28.6          | 27.7 | 757.3 | 0.0  | 0.0          | 659           | 56.68           | 700                 | 3.8 |
| 13/08/07 | 15:00 | 28.9        | 29.4       | 28.6        | 45         | 15.8 | 12.9          | NE  | 12.87       | 25.7        | NE        | 28.9          | 29.4          | 28.7 | 756.4 | 0.0  | 0.0          | 596           | 51.26           | 648                 | 3.0 |
| 13/08/07 | 16:00 | 29.2        | 29.6       | 28.9        | 44         | 15.7 | 11.3          | NE  | 11.27       | 22.5        | NE        | 29.2          | 29.6          | 29.0 | 755.9 | 0.0  | 0.0          | 448           | 38.53           | 535                 | 1.8 |
| 13/08/07 | 17:00 | 28.7        | 29.2       | 28.3        | 46         | 15.9 | 6.4           | ENE | 6.44        | 19.3        | NE        | 28.7          | 29.3          | 29.3 | 755.9 | 0.0  | 0.0          | 197           | 16.94           | 315                 | 0.7 |
| 13/08/07 | 18:00 | 28.6        | 29.1       | 27.7        | 44         | 15.1 | 6.4           | ENE | 6.44        | 20.9        | E         | 28.6          | 28.9          | 28.9 | 755.9 | 0.0  | 0.0          | 115           | 9.89            | 248                 | 0.2 |
| 13/08/07 | 19:00 | 26.1        | 27.7       | 25.1        | 49         | 14.5 | 3.2           | E   | 3.22        | 11.3        | E         | 26.1          | 26.1          | 26.1 | 755.8 | 0.0  | 0.0          | 8             | 0.69            | 33                  | 0.0 |
| 13/08/07 | 20:00 | 25.2        | 25.4       | 24.2        | 53         | 14.9 | 8.0           | E   | 8.05        | 16.1        | E         | 25.2          | 25.2          | 24.8 | 756.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 13/08/07 | 21:00 | 23.8        | 24.5       | 22.4        | 53         | 13.6 | 8.0           | ESE | 8.05        | 20.9        | E         | 23.8          | 23.8          | 23.3 | 756.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 13/08/07 | 22:00 | 24.8        | 25.1       | 24.5        | 52         | 14.3 | 11.3          | ESE | 11.27       | 27.4        | E         | 24.8          | 24.8          | 23.8 | 756.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 13/08/07 | 23:00 | 24.8        | 25.0       | 24.5        | 49         | 13.3 | 12.9          | ESE | 12.87       | 24.1        | ESE       | 24.8          | 24.7          | 23.4 | 756.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 14/08/07 | 00:00 | 24.8        | 25.0       | 24.7        | 50         | 13.7 | 11.3          | ENE | 11.27       | 22.5        | E         | 24.8          | 24.8          | 23.8 | 756.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 14/08/07 | 1:00  | 24.3        | 24.8       | 23.7        | 53         | 14.1 | 11.3          | ENE | 11.27       | 25.7        | E         | 24.3          | 24.3          | 23.3 | 756.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 14/08/07 | 2:00  | 22.5        | 23.6       | 21.9        | 64         | 15.3 | 6.4           | ENE | 6.44        | 17.7        | NE        | 22.5          | 22.7          | 22.7 | 755.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 14/08/07 | 3:00  | 22.5        | 23.2       | 21.8        | 55         | 13.0 | 8.0           | ENE | 8.05        | 17.7        | ENE       | 22.5          | 22.3          | 21.7 | 755.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 14/08/07 | 4:00  | 22.4        | 22.9       | 21.9        | 54         | 12.6 | 8.0           | ENE | 8.05        | 17.7        | ENE       | 22.4          | 22.0          | 21.4 | 755.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 14/08/07 | 5:00  | 22.1        | 22.3       | 21.9        | 54         | 12.3 | 9.7           | E   | 9.66        | 22.5        | ESE       | 22.1          | 21.6          | 20.5 | 755.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 14/08/07 | 6:00  | 21.7        | 22.1       | 21.0        | 55         | 12.3 | 11.3          | E   | 11.27       | 22.5        | E         | 21.7          | 21.2          | 19.8 | 756.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 14/08/07 | 7:00  | 20.5        | 21.1       | 19.9        | 59         | 12.2 | 3.2           | E   | 3.22        | 11.3        | E         | 20.5          | 20.4          | 20.4 | 757.1 | 0.0  | 0.0          | 1             | 0.09            | 9                   | 0.0 |
| 14/08/07 | 8:00  | 20.4        | 21.3       | 19.9        | 59         | 12.2 | 8.0           | E   | 8.05        | 17.7        | E         | 20.4          | 20.3          | 19.6 | 757.6 | 0.0  | 0.0          | 55            | 4.73            | 144                 | 0.0 |
| 14/08/07 | 9:00  | 22.6        | 23.7       | 21.3        | 51         | 11.9 | 12.9          | E   | 12.87       | 27.4        | ENE       | 22.6          | 22.2          | 20.6 | 758.0 | 0.0  | 0.0          | 227           | 19.52           | 357                 | 0.6 |
| 14/08/07 | 10:00 | 23.8        | 24.2       | 23.3        | 56         | 14.5 | 14.5          | NE  | 14.48       | 30.6        | N         | 23.8          | 23.8          | 22.1 | 758.4 | 0.0  | 0.0          | 329           | 28.30           | 406                 | 1.3 |
| 14/08/07 | 11:00 | 24.5        | 25.8       | 23.6        | 47         | 12.4 | 16.1          | NE  | 16.09       | 32.2        | NE        | 24.5          | 24.2          | 22.4 | 758.5 | 0.0  | 0.0          | 445           | 38.27           | 727                 | 2.3 |
| 14/08/07 | 12:00 | 25.8        | 27.1       | 25.0        | 46         | 13.3 | 16.1          | NE  | 16.09       | 35.4        | NE        | 25.8          | 25.7          | 24.1 | 757.9 | 0.0  | 0.0          | 505           | 43.44           | 772                 | 3.1 |
| 14/08/07 | 13:00 | 27.6        | 28.6       | 26.6        | 45         | 14.6 | 14.5          | NE  | 14.48       | 29.0        | NE        | 27.6          | 27.9          | 26.8 | 757.2 | 0.0  | 0.0          | 657           | 56.51           | 890                 | 3.9 |
| 14/08/07 | 14:00 | 28.8        | 29.5       | 27.9        | 37         | 12.7 | 14.5          | NE  | 14.48       | 27.4        | NE        | 28.8          | 28.6          | 27.6 | 756.4 | 0.0  | 0.0          | 670           | 57.63           | 769                 | 3.9 |
| 14/08/07 | 15:00 | 29.7        | 30.2       | 29.4        | 38         | 13.9 | 17.7          | NE  | 17.70       | 32.2        | ENE       | 29.7          | 29.5          | 28.4 | 755.6 | 0.0  | 0.0          | 601           | 51.69           | 690                 | 3.0 |
| 14/08/07 | 16:00 | 30.0        | 30.3       | 29.8        | 38         | 14.1 | 16.1          | ENE | 16.09       | 30.6        | NNE       | 30.0          | 29.8          | 28.8 | 755.3 | 0.0  | 0.0          | 463           | 39.82           | 544                 | 1.8 |
| 14/08/07 | 17:00 | 29.7        | 30.1       | 29.4        | 34         | 12.1 | 16.1          | ENE | 16.09       | 29.0        | NE        | 29.7          | 29.1          | 28.0 | 755.2 | 0.0  | 0.0          | 264           | 22.71           | 384                 | 0.8 |
| 14/08/07 | 18:00 | 28.9        | 29.4       | 28.0        | 37         | 12.8 | 12.9          | ENE | 12.87       | 30.6        | ENE       | 28.9          | 28.7          | 27.9 | 755.2 | 0.0  | 0.0          | 106           | 9.12            | 178                 | 0.2 |
| 14/08/07 | 19:00 | 26.7        | 28.0       | 25.9        | 42         | 12.7 | 8.0           | E   | 8.05        | 17.7        | ENE       | 26.7          | 26.7          | 26.4 | 755.4 | 0.0  | 0.0          | 6             | 0.52            | 33                  | 0.0 |
| 14/08/07 | 20:00 | 26.1        | 26.3       | 25.9        | 39         | 11.0 | 11.3          | ENE | 11.27       | 22.5        | ESE       | 26.1          | 25.9          | 25.0 | 755.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 14/08/07 | 21:00 | 25.7        | 26.1       | 25.3        | 42         | 11.8 | 12.9          | ENE | 12.87       | 27.4        | ENE       | 25.7          | 25.4          | 24.2 | 755.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 14/08/07 | 22:00 | 25.5        | 25.8       | 25.1        | 40         | 10.9 | 14.5          | ENE | 14.48       | 29.0        | E         | 25.5          | 25.0          | 23.6 | 755.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 14/08/07 | 23:00 | 24.2        | 25.6       | 23.3        | 44         | 11.2 | 14.5          | ENE | 14.48       | 30.6        | ENE       | 24.2          | 23.6          | 21.9 | 756.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 15/08/07 | 00:00 | 22.8        | 23.3       | 22.4        | 47         | 10.9 | 11.3          | ENE | 11.27       | 25.7        | ENE       | 22.8          | 22.3          | 21.1 | 756.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 15/08/07 | 1:00  | 22.1        | 22.5       | 21.6        | 51         | 11.5 | 9.7           | ENE | 9.66        | 22.5        | E         | 22.1          | 21.4          | 20.4 | 756.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 15/08/07 | 2:00  | 21.1        | 21.6       | 20.5        | 56         | 12.0 | 6.4           | ENE | 6.44        | 16.1        | ENE       | 21.1          | 20.7          | 20.7 | 756.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 15/08/07 | 3:00  | 20.7        | 20.8       | 20.4        | 54         | 11.0 | 8.0           | E   | 8.05        | 16.1        | E         | 20.7          | 20.1          | 19.4 | 755.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 15/08/07 | 4:00  | 20.9        | 21.6       | 20.5        | 50         | 10.1 | 11.3          | E   | 11.27       | 22.5        | E         | 20.9          | 19.9          | 18.5 | 755.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 15/08/07 | 5:00  | 21.6        | 21.7       | 21.3        | 49         | 10.4 | 12.9          | ENE | 12.87       | 27.4        | E         | 21.6          | 20.6          | 18.9 | 755.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 15/08/07 | 6:00  | 21.3        | 21.7       | 21.0        | 52         | 11.1 | 14.5          | ENE | 14.48       | 27.4        | NE        | 21.3          | 20.6          | 18.4 | 756.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 15/08/07 | 7:00  | 20.1        | 21.1       | 19.3        | 61         | 12.3 | 11.3          | ENE | 11.27       | 22.5        | ENE       | 20.1          | 20.1          | 18.5 | 756.7 | 0.0  | 0.0          | 1             | 0.09            | 7                   | 0.0 |
| 15/08/07 | 8:00  | 19.5        | 20.1       | 19.2        | 62         | 12.0 | 9.7           | ENE | 9.66        | 20.9        | E         | 19.5          | 19.4          | 18.2 | 757.7 | 0.0  | 0.0          | 65            | 5.59            | 151                 | 0.0 |
| 15/08/07 | 9:00  | 20.9        | 21.6       | 20.1        | 62         | 13.3 | 9.7           | NE  | 9.66        | 20.9        | NE        | 20.9          | 20.9          | 19.8 | 758.4 | 0.0  | 0.0          | 243           | 20.90           | 333                 | 0.6 |
| 15/08/07 | 10:00 | 22.9        | 24.5       | 21.6        | 49         | 11.7 | 11.3          | NE  | 11.27       | 29.0        | NE        | 22.9          | 22.7          | 21.5 | 759.2 | 0.0  | 0.0          | 419           | 36.04           | 498                 | 1.6 |
| 15/08/07 | 11:00 | 25.4        | 26.4       | 24.5        | 46         | 12.9 | 12.9          | NE  | 12.87       | 30.6        | NE        | 25.4          | 25.2          | 24.0 | 759.9 | 0.0  | 0.0          | 565           | 48.60           | 623                 | 2.9 |
| 15/08/07 | 12:00 | 27.2        | 27.9       | 26.3        | 37         | 11.2 | 14.5          | NE  | 14.48       | 27.4        | NE        | 27.2          | 26.9          | 25.7 | 759.5 | 0.0  | 0.0          | 663           | 57.03           | 695                 | 4.0 |
| 15/08/07 | 13:00 | 28.5        | 28.9       | 27.7        | 35         | 11.5 | 14.5          | ENE | 14.48       | 27.4        | ENE       | 28.5          | 28.0          | 27.0 | 758.7 | 0.0  | 0.0          | 707           | 60.81           | 711                 | 4.6 |
| 15/08/07 | 14:00 | 29.6        | 30.1       | 28.8        | 35         | 12.5 | 14.5          | ENE | 14.48       | 25.7        | E         | 29.6          | 29.1          | 28.2 | 757.9 | 0.0  | 0.0          | 688           | 59.18           | 707                 | 4.3 |
| 15/08/07 | 15:00 | 30.2        | 30.4       | 29.8        | 30         | 10.7 | 14.5          | ENE | 14.48       | 25.7        | ENE       | 30.2          | 29.2          | 28.4 | 757.1 | 0.0  | 0.0          | 610           | 52.47           | 656                 | 3.3 |
| 15/08/07 | 16:00 | 30.5        | 30.8       | 30.3        | 33         | 12.4 | 11.3          | ENE | 11.27       | 25.7        | E         | 30.5          | 29.8          | 29.3 | 756.8 | 0.0  | 0.0          | 481           | 41.37           | 552                 | 2.0 |
| 15/08/07 | 17:00 | 30.1        | 30.6       | 29.7        | 31         | 11.1 | 9.7           | ENE | 9.66        | 19.3        | ENE       | 30.1          | 29.2          | 28.8 | 756.8 | 0.0  | 0.0          | 306           | 26.32           | 398                 | 0.9 |
| 15/08/07 | 18:00 | 29.2        | 29.9       | 27.4        | 38         | 13.4 | 4.8           | E   | 4.83        | 12.9        | NE        | 29.2          | 28.9          | 28.9 | 756.9 | 0.0  | 0.0          | 116           | 9.98            | 208                 | 0.2 |
| 15/08/07 | 19:00 | 25.8        | 27.4       | 24.6        | 42         | 11.9 | 3.2           | E   | 3.22        | 11.3        | ESE       | 25.8          | 25.6          | 25.6 | 757.2 | 0.0  | 0.0          | 6             | 0.52            | 26                  | 0.0 |
| 15/08/07 | 20:00 | 24.4        | 25.0       | 23.6        | 45         | 11.7 | 8.0           | ESE | 8.05        | 12.9        | E         | 24.4          | 23.9          | 23.5 | 757.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 15/08/07 | 21:00 | 23.3        | 24.1       | 21.9        | 50         | 12.3 | 8.0           | ESE | 8.05        | 16.1        | ESE       | 23.3          | 23.3          | 22.8 | 757.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 15/08/07 | 22:00 | 21.8        | 22.0       | 21.4        | 50         | 10.9 | 11.3          | SE  | 11.27       | 19.3        | ESE       | 21.8          | 20.8          | 19.5 | 757.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 15/08/07 | 23:00 | 21.1        | 21.4       | 20.8        | 46         | 9.0  | 6.4           | SE  | 6.44        | 17.7        | SE        | 21.1          | 20.1          | 20.0 | 758.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 16/08/07 | 00:00 | 21.5        | 22.0       | 20.9        | 49         | 10.3 | 4.8           | SE  | 4.83        | 16.1        | SE        | 21.5          | 20.5          | 20.5 | 758.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp Out | Hi Temp | Low Temp | Out Hum | Dew  | Wind Speed | Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW  | Bar   | Rain | Rain Rate | Solar Rad. | Solar Energy | Hi Solar Rad. | UV  |
|----------|-------|----------|---------|----------|---------|------|------------|-----|----------|----------|--------|------------|------------|------|-------|------|-----------|------------|--------------|---------------|-----|
| 16/08/07 | 1:00  | 20.9     | 21.6    | 19.9     | 54      | 11.3 | 4.8        | SE  | 4.83     | 16.1     | SE     | 20.9       | 20.3       | 20.3 | 758.3 | 0.0  | 0.0       | 0          | 0.00         | 0             | 0.0 |
| 16/08/07 | 2:00  | 20.6     | 21.0    | 19.9     | 49      | 9.5  | 6.4        | ESE | 6.44     | 12.9     | ESE    | 20.6       | 19.6       | 19.5 | 758.2 | 0.0  | 0.0       | 0          | 0.00         | 0             | 0.0 |
| 16/08/07 | 3:00  | 19.9     | 20.7    | 18.8     | 49      | 8.9  | 0.0        | ESE | 0.00     | 4.8      | ESE    | 19.9       | 18.9       | 18.9 | 758.1 | 0.0  | 0.0       | 0          | 0.00         | 0             | 0.0 |
| 16/08/07 | 4:00  | 19.9     | 20.5    | 19.3     | 51      | 9.5  | 3.2        | ESE | 3.22     | 9.7      | ESE    | 19.9       | 19.1       | 19.1 | 758.0 | 0.0  | 0.0       | 0          | 0.00         | 0             | 0.0 |
| 16/08/07 | 5:00  | 19.7     | 20.2    | 18.9     | 52      | 9.6  | 3.2        | ESE | 3.22     | 9.7      | ESE    | 19.7       | 18.9       | 18.9 | 757.9 | 0.0  | 0.0       | 0          | 0.00         | 0             | 0.0 |
| 16/08/07 | 6:00  | 18.7     | 19.3    | 17.9     | 57      | 10.0 | 4.8        | ESE | 4.83     | 11.3     | ESE    | 18.7       | 18.2       | 18.1 | 758.4 | 0.0  | 0.0       | 0          | 0.00         | 0             | 0.0 |
| 16/08/07 | 7:00  | 17.1     | 18.9    | 15.8     | 61      | 9.5  | 1.6        | ESE | 1.61     | 8.0      | ESE    | 17.1       | 16.6       | 16.6 | 759.0 | 0.0  | 0.0       | 1          | 0.09         | 7             | 0.0 |
| 16/08/07 | 8:00  | 16.6     | 17.1    | 15.8     | 74      | 11.9 | 0.0        | ESE | 0.00     | 4.8      | ESE    | 16.6       | 16.4       | 16.4 | 759.5 | 0.0  | 0.0       | 67         | 5.76         | 151           | 0.0 |
| 16/08/07 | 9:00  | 19.2     | 20.6    | 16.9     | 66      | 12.7 | 1.6        | ESE | 1.61     | 8.0      | ESE    | 19.2       | 19.1       | 19.1 | 759.8 | 0.0  | 0.0       | 247        | 21.24        | 338           | 0.6 |
| 16/08/07 | 10:00 | 23.1     | 24.4    | 20.7     | 46      | 10.9 | 6.4        | NE  | 6.44     | 16.1     | NE     | 23.1       | 22.7       | 22.7 | 760.3 | 0.0  | 0.0       | 422        | 36.30        | 498           | 1.6 |
| 16/08/07 | 11:00 | 25.7     | 26.7    | 24.3     | 43      | 12.2 | 9.7        | NNE | 9.66     | 17.7     | N      | 25.7       | 25.5       | 24.8 | 760.3 | 0.0  | 0.0       | 566        | 48.68        | 623           | 2.9 |
| 16/08/07 | 12:00 | 27.3     | 27.9    | 26.6     | 41      | 12.9 | 9.7        | NNE | 9.66     | 17.7     | N      | 27.3       | 27.3       | 26.7 | 760.0 | 0.0  | 0.0       | 665        | 57.20        | 695           | 4.0 |
| 16/08/07 | 13:00 | 28.8     | 29.6    | 27.8     | 38      | 13.0 | 8.0        | NNE | 8.05     | 19.3     | NE     | 28.8       | 28.6       | 28.3 | 759.4 | 0.0  | 0.0       | 705        | 60.64        | 711           | 4.6 |
| 16/08/07 | 14:00 | 30.2     | 30.8    | 29.5     | 32      | 11.6 | 11.3       | NE  | 11.27    | 20.9     | NE     | 30.2       | 29.4       | 28.9 | 758.6 | 0.0  | 0.0       | 686        | 59.00        | 706           | 4.2 |
| 16/08/07 | 15:00 | 30.8     | 31.1    | 30.6     | 28      | 10.2 | 8.0        | ENE | 8.05     | 17.7     | NE     | 30.8       | 29.6       | 29.4 | 758.0 | 0.0  | 0.0       | 607        | 52.21        | 656           | 3.2 |
| 16/08/07 | 16:00 | 30.9     | 31.1    | 30.8     | 24      | 8.0  | 6.4        | ENE | 6.44     | 17.7     | NE     | 30.9       | 29.3       | 29.3 | 757.5 | 0.0  | 0.0       | 476        | 40.94        | 549           | 2.0 |
| 16/08/07 | 17:00 | 30.9     | 31.2    | 30.7     | 27      | 9.8  | 1.6        | NE  | 1.61     | 9.7      | NE     | 30.9       | 29.7       | 29.7 | 757.5 | 0.0  | 0.0       | 304        | 26.15        | 394           | 0.9 |
| 16/08/07 | 18:00 | 29.4     | 30.7    | 28.4     | 30      | 10.0 | 1.6        | NE  | 1.61     | 8.0      | NE     | 29.4       | 28.4       | 28.4 | 757.5 | 0.0  | 0.0       | 116        | 9.98         | 208           | 0.3 |
| 16/08/07 | 19:00 | 25.6     | 28.7    | 22.0     | 50      | 14.4 | 4.8        | S   | 4.83     | 11.3     | S      | 25.6       | 25.6       | 25.6 | 757.9 | 0.0  | 0.0       | 6          | 0.52         | 26            | 0.0 |
| 16/08/07 | 20:00 | 19.6     | 21.9    | 18.3     | 60      | 11.6 | 6.4        | SSE | 6.44     | 12.9     | SSE    | 19.6       | 19.6       | 19.4 | 758.1 | 0.0  | 0.0       | 0          | 0.00         | 0             | 0.0 |
| 16/08/07 | 21:00 | 17.8     | 18.5    | 17.0     | 64      | 10.9 | 8.0        | S   | 8.05     | 12.9     | S      | 17.7       | 17.4       | 16.5 | 758.4 | 0.0  | 0.0       | 0          | 0.00         | 0             | 0.0 |
| 16/08/07 | 22:00 | 17.6     | 18.5    | 16.8     | 59      | 9.5  | 6.4        | SSE | 6.44     | 12.9     | SSE    | 17.6       | 17.2       | 16.8 | 758.5 | 0.0  | 0.0       | 0          | 0.00         | 0             | 0.0 |
| 16/08/07 | 23:00 | 18.8     | 21.6    | 17.5     | 43      | 6.0  | 1.6        | ESE | 1.61     | 11.3     | ESE    | 18.8       | 17.7       | 17.7 | 758.5 | 0.0  | 0.0       | 0          | 0.00         | 0             | 0.0 |
| 17/08/07 | 00:00 | 20.1     | 22.0    | 18.4     | 58      | 11.6 | 0.0        | ESE | 0.00     | 9.7      | ESE    | 20.1       | 19.9       | 19.9 | 758.6 | 0.0  | 0.0       | 0          | 0.00         | 0             | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 17/08/07 | 1:00  | 18.6        | 19.1       | 18.2        | 51         | 8.2  | 1.6           | SE  | 1.61        | 8.0         | SE        | 18.6          | 17.6          | 17.6 | 758.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 17/08/07 | 2:00  | 19.1        | 19.9       | 18.5        | 51         | 8.7  | 3.2           | SE  | 3.22        | 11.3        | SE        | 19.1          | 18.1          | 18.1 | 758.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 17/08/07 | 3:00  | 18.7        | 19.9       | 17.0        | 57         | 10.0 | 6.4           | S   | 6.44        | 12.9        | S         | 18.7          | 18.2          | 17.9 | 758.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 17/08/07 | 4:00  | 16.3        | 17.7       | 14.8        | 69         | 10.6 | 3.2           | S   | 3.22        | 11.3        | SSE       | 16.3          | 15.8          | 15.8 | 758.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 17/08/07 | 5:00  | 15.3        | 16.3       | 14.3        | 67         | 9.2  | 1.6           | S   | 1.61        | 9.7         | S         | 15.3          | 14.8          | 14.8 | 758.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 17/08/07 | 6:00  | 15.2        | 15.8       | 14.7        | 77         | 11.2 | 0.0           | --- | 0.00        | 0.0         | ---       | 15.2          | 15.1          | 15.1 | 758.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 17/08/07 | 7:00  | 17.3        | 19.5       | 15.5        | 64         | 10.5 | 1.6           | SE  | 1.61        | 8.0         | SSE       | 17.3          | 16.9          | 16.9 | 759.2 | 0.0  | 0.0          | 1             | 0.09            | 7                   | 0.0 |
| 17/08/07 | 8:00  | 16.3        | 17.1       | 15.6        | 73         | 11.5 | 3.2           | SSE | 3.22        | 9.7         | SSE       | 16.3          | 16.1          | 16.1 | 759.7 | 0.0  | 0.0          | 62            | 5.33            | 144                 | 0.0 |
| 17/08/07 | 9:00  | 19.4        | 20.9       | 17.1        | 65         | 12.7 | 0.0           | NNW | 0.00        | 8.0         | NNW       | 19.4          | 19.4          | 19.4 | 760.0 | 0.0  | 0.0          | 237           | 20.38           | 333                 | 0.6 |
| 17/08/07 | 10:00 | 22.1        | 23.3       | 20.9        | 63         | 14.7 | 6.4           | N   | 6.44        | 17.7        | NNE       | 22.1          | 22.1          | 22.1 | 760.3 | 0.0  | 0.0          | 416           | 35.78           | 498                 | 1.6 |
| 17/08/07 | 11:00 | 24.8        | 26.8       | 23.3        | 43         | 11.3 | 9.7           | NE  | 9.66        | 17.7        | NE        | 24.8          | 24.1          | 23.3 | 760.0 | 0.0  | 0.0          | 563           | 48.42           | 632                 | 2.8 |
| 17/08/07 | 12:00 | 27.7        | 28.4       | 26.7        | 38         | 12.1 | 9.7           | NE  | 9.66        | 20.9        | NNE       | 27.7          | 27.5          | 27.0 | 759.7 | 0.0  | 0.0          | 646           | 55.56           | 734                 | 3.8 |
| 17/08/07 | 13:00 | 28.7        | 29.2       | 28.0        | 34         | 11.3 | 9.7           | NE  | 9.66        | 22.5        | NNE       | 28.7          | 28.1          | 27.6 | 759.0 | 0.0  | 0.0          | 692           | 59.52           | 757                 | 4.3 |
| 17/08/07 | 14:00 | 29.1        | 29.5       | 28.8        | 30         | 9.8  | 8.0           | NE  | 8.05        | 19.3        | NE        | 29.1          | 28.1          | 27.9 | 758.3 | 0.0  | 0.0          | 666           | 57.28           | 739                 | 4.0 |
| 17/08/07 | 15:00 | 29.3        | 29.6       | 29.2        | 28         | 8.9  | 6.4           | N   | 6.44        | 16.1        | NE        | 29.3          | 28.1          | 28.1 | 757.9 | 0.0  | 0.0          | 603           | 51.86           | 676                 | 3.1 |
| 17/08/07 | 16:00 | 29.4        | 29.7       | 29.2        | 31         | 10.5 | 3.2           | N   | 3.22        | 16.1        | N         | 29.4          | 28.6          | 28.6 | 757.7 | 0.0  | 0.0          | 470           | 40.43           | 565                 | 1.9 |
| 17/08/07 | 17:00 | 29.4        | 29.7       | 29.2        | 27         | 8.4  | 1.6           | N   | 1.61        | 9.7         | N         | 29.4          | 28.1          | 28.1 | 757.5 | 0.0  | 0.0          | 296           | 25.46           | 399                 | 0.9 |
| 17/08/07 | 18:00 | 29.3        | 29.7       | 27.9        | 33         | 11.3 | 0.0           | --- | 0.00        | 0.0         | ---       | 29.3          | 28.6          | 28.6 | 757.5 | 0.0  | 0.0          | 113           | 9.72            | 204                 | 0.3 |
| 17/08/07 | 19:00 | 23.0        | 27.9       | 19.9        | 60         | 14.8 | 6.4           | SSE | 6.44        | 11.3        | SSE       | 23.0          | 23.0          | 23.0 | 757.5 | 0.0  | 0.0          | 5             | 0.43            | 26                  | 0.0 |
| 17/08/07 | 20:00 | 18.6        | 19.9       | 17.9        | 66         | 12.1 | 8.0           | SSE | 8.05        | 11.3        | SSE       | 18.6          | 18.3          | 17.5 | 757.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 17/08/07 | 21:00 | 17.5        | 19.2       | 16.1        | 74         | 12.8 | 8.0           | SSE | 8.05        | 27.4        | SW        | 17.3          | 17.4          | 16.5 | 758.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 17/08/07 | 22:00 | 18.6        | 19.3       | 17.7        | 81         | 15.3 | 6.4           | SW  | 6.44        | 29.0        | SSW       | 18.6          | 19.3          | 19.1 | 758.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 17/08/07 | 23:00 | 16.8        | 17.7       | 16.2        | 85         | 14.3 | 3.2           | SW  | 3.22        | 19.3        | WSW       | 16.8          | 17.2          | 17.2 | 759.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 18/08/07 | 00:00 | 15.8        | 16.2       | 15.4        | 88         | 13.8 | 1.6           | SW  | 1.61        | 19.3        | S         | 15.8          | 16.1          | 16.1 | 759.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 18/08/07 | 1:00  | 15.2        | 15.4       | 15.0        | 89         | 13.4 | 3.2           | SW  | 3.22        | 17.7        | WSW       | 15.2          | 15.4          | 15.3 | 759.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 18/08/07 | 2:00  | 15.1        | 15.3       | 14.8        | 88         | 13.1 | 6.4           | SW  | 6.44        | 22.5        | SW        | 14.7          | 15.3          | 14.6 | 759.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 18/08/07 | 3:00  | 15.4        | 15.5       | 15.3        | 88         | 13.5 | 6.4           | SSW | 6.44        | 22.5        | WSW       | 15.1          | 15.7          | 15.0 | 758.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 18/08/07 | 4:00  | 15.5        | 15.5       | 15.4        | 87         | 13.3 | 8.0           | SSW | 8.05        | 25.7        | SSW       | 14.9          | 15.7          | 14.5 | 758.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 18/08/07 | 5:00  | 15.1        | 15.4       | 14.8        | 87         | 13.0 | 8.0           | SSW | 8.05        | 22.5        | SSW       | 14.4          | 15.3          | 14.1 | 758.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 18/08/07 | 6:00  | 14.9        | 15.1       | 14.8        | 88         | 13.0 | 8.0           | SSW | 8.05        | 27.4        | S         | 14.2          | 15.1          | 13.9 | 759.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 18/08/07 | 7:00  | 15.1        | 15.2       | 15.0        | 88         | 13.1 | 4.8           | SSW | 4.83        | 17.7        | SSW       | 15.1          | 15.3          | 14.9 | 759.7 | 0.0  | 0.0          | 0             | 0.00            | 5                   | 0.0 |
| 18/08/07 | 8:00  | 15.0        | 15.1       | 15.0        | 88         | 13.0 | 4.8           | SSW | 4.83        | 19.3        | SSW       | 14.9          | 15.2          | 14.8 | 760.2 | 0.0  | 0.0          | 21            | 1.81            | 51                  | 0.0 |
| 18/08/07 | 9:00  | 15.3        | 15.5       | 15.1        | 85         | 12.8 | 8.0           | S   | 8.05        | 19.3        | S         | 14.6          | 15.5          | 14.3 | 760.5 | 0.0  | 0.0          | 103           | 8.86            | 165                 | 0.3 |
| 18/08/07 | 10:00 | 16.3        | 17.7       | 15.4        | 78         | 12.4 | 6.4           | S   | 6.44        | 19.3        | S         | 16.1          | 16.4          | 15.8 | 760.8 | 0.0  | 0.0          | 208           | 17.89           | 493                 | 1.0 |
| 18/08/07 | 11:00 | 19.5        | 20.6       | 17.7        | 68         | 13.4 | 3.2           | S   | 3.22        | 16.1        | SSE       | 19.5          | 19.4          | 19.4 | 760.6 | 0.0  | 0.0          | 568           | 48.85           | 611                 | 2.6 |
| 18/08/07 | 12:00 | 20.4        | 21.1       | 19.9        | 68         | 14.3 | 8.0           | NW  | 8.05        | 17.7        | NNW       | 20.4          | 20.4          | 19.8 | 759.7 | 0.0  | 0.0          | 642           | 55.22           | 674                 | 3.7 |
| 18/08/07 | 13:00 | 21.6        | 22.2       | 20.6        | 62         | 14.0 | 8.0           | NW  | 8.05        | 17.7        | NW        | 21.6          | 21.6          | 21.0 | 758.9 | 0.0  | 0.0          | 684           | 58.83           | 690                 | 4.3 |
| 18/08/07 | 14:00 | 23.2        | 23.9       | 22.2        | 62         | 15.5 | 8.0           | NW  | 8.05        | 16.1        | WNW       | 23.2          | 23.3          | 22.8 | 758.0 | 0.0  | 0.0          | 665           | 57.20           | 686                 | 4.0 |
| 18/08/07 | 15:00 | 24.2        | 24.9       | 23.7        | 57         | 15.2 | 6.4           | NW  | 6.44        | 17.7        | W         | 24.2          | 24.2          | 24.2 | 757.1 | 0.0  | 0.0          | 587           | 50.49           | 637                 | 3.0 |
| 18/08/07 | 16:00 | 25.4        | 26.1       | 24.6        | 54         | 15.4 | 3.2           | NW  | 3.22        | 11.3        | NW        | 25.4          | 25.6          | 25.6 | 756.8 | 0.0  | 0.0          | 455           | 39.14           | 528                 | 1.8 |
| 18/08/07 | 17:00 | 25.4        | 26.1       | 25.2        | 57         | 16.3 | 3.2           | WNW | 3.22        | 11.3        | W         | 25.4          | 25.8          | 25.8 | 756.8 | 0.0  | 0.0          | 284           | 24.43           | 373                 | 0.8 |
| 18/08/07 | 18:00 | 24.7        | 25.2       | 23.8        | 64         | 17.4 | 1.6           | WNW | 1.61        | 11.3        | W         | 24.7          | 25.1          | 25.1 | 757.1 | 0.0  | 0.0          | 106           | 9.12            | 192                 | 0.2 |
| 18/08/07 | 19:00 | 21.8        | 23.8       | 19.4        | 78         | 17.8 | 1.6           | SSW | 1.61        | 8.0         | WNW       | 21.8          | 22.7          | 22.7 | 757.3 | 0.0  | 0.0          | 5             | 0.43            | 26                  | 0.0 |
| 18/08/07 | 20:00 | 17.8        | 19.4       | 16.3        | 88         | 15.8 | 3.2           | SSE | 3.22        | 11.3        | SSE       | 17.8          | 18.3          | 18.3 | 757.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 18/08/07 | 21:00 | 16.0        | 16.3       | 15.7        | 90         | 14.4 | 8.0           | SSE | 8.05        | 11.3        | SSE       | 15.5          | 16.3          | 15.2 | 757.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 18/08/07 | 22:00 | 16.1        | 16.6       | 15.7        | 87         | 13.9 | 4.8           | SSE | 4.83        | 9.7         | SSE       | 16.1          | 16.3          | 16.0 | 757.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 18/08/07 | 23:00 | 17.4        | 18.2       | 15.9        | 84         | 14.7 | 1.6           | S   | 1.61        | 12.9        | W         | 17.4          | 17.9          | 17.9 | 758.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 19/08/07 | 00:00 | 17.1        | 17.5       | 16.4        | 87         | 14.9 | 1.6           | S   | 1.61        | 9.7         | S         | 17.1          | 17.6          | 17.6 | 758.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 19/08/07 | 1:00  | 17.0        | 17.4       | 16.4        | 83         | 14.1 | 0.0           | --- | 0.00        | 0.0         | ---       | 17.0          | 17.4          | 17.4 | 757.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 19/08/07 | 2:00  | 16.9        | 17.3       | 16.6        | 84         | 14.2 | 0.0           | --- | 0.00        | 0.0         | ---       | 16.9          | 17.3          | 17.3 | 757.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 19/08/07 | 3:00  | 16.5        | 17.3       | 15.3        | 90         | 14.9 | 0.0           | --- | 0.00        | 0.0         | ---       | 16.5          | 16.9          | 16.9 | 757.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 19/08/07 | 4:00  | 15.3        | 15.7       | 14.8        | 95         | 14.5 | 0.0           | NE  | 0.00        | 3.2         | NE        | 15.3          | 15.5          | 15.5 | 757.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 19/08/07 | 5:00  | 14.5        | 15.7       | 13.8        | 93         | 13.4 | 1.6           | S   | 1.61        | 8.0         | S         | 14.5          | 14.6          | 14.6 | 757.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 19/08/07 | 6:00  | 14.1        | 14.8       | 13.7        | 92         | 12.8 | 0.0           | --- | 0.00        | 0.0         | ---       | 14.1          | 14.2          | 14.2 | 757.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 19/08/07 | 7:00  | 13.6        | 14.2       | 13.0        | 95         | 12.8 | 0.0           | --- | 0.00        | 0.0         | ---       | 13.6          | 13.7          | 13.7 | 758.1 | 0.0  | 0.0          | 1             | 0.09            | 7                   | 0.0 |
| 19/08/07 | 8:00  | 14.2        | 14.8       | 13.7        | 94         | 13.3 | 0.0           | --- | 0.00        | 0.0         | ---       | 14.2          | 14.3          | 14.3 | 758.6 | 0.0  | 0.0          | 60            | 5.16            | 143                 | 0.0 |
| 19/08/07 | 9:00  | 16.1        | 17.6       | 14.9        | 83         | 13.2 | 3.2           | WNW | 3.22        | 19.3        | NW        | 16.1          | 16.3          | 16.3 | 759.4 | 0.0  | 0.0          | 234           | 20.13           | 421                 | 0.6 |
| 19/08/07 | 10:00 | 18.5        | 20.9       | 16.7        | 79         | 14.8 | 8.0           | WNW | 8.05        | 19.3        | W         | 18.5          | 19.1          | 18.2 | 759.9 | 0.0  | 0.0          | 396           | 34.06           | 623                 | 1.3 |
| 19/08/07 | 11:00 | 17.6        | 19.1       | 16.3        | 84         | 14.9 | 6.4           | W   | 6.44        | 20.9        | WSW       | 17.6          | 18.1          | 17.7 | 760.1 | 0.0  | 0.0          | 88            | 7.57            | 162                 | 0.5 |
| 19/08/07 | 12:00 | 18.4        | 21.1       | 16.3        | 70         | 12.8 | 6.4           | WNW | 6.44        | 16.1        | SW        | 18.4          | 18.2          | 17.8 | 759.7 | 0.0  | 0.0          | 374           | 32.17           | 706                 | 2.5 |
| 19/08/07 | 13:00 | 19.7        | 21.9       | 18.9        | 78         | 15.8 | 11.3          | WNW | 11.27       | 22.5        | NW        | 19.7          | 20.5          | 18.9 | 759.2 | 0.0  | 0.0          | 343           | 29.50           | 771                 | 2.3 |
| 19/08/07 | 14:00 | 22.1        | 23.8       | 19.4        | 70         | 16.4 | 4.8           | W   | 4.83        | 19.3        | WNW       | 22.1          | 22.3          | 22.3 | 758.4 | 0.0  | 0.0          | 571           | 49.11           | 813                 | 3.2 |
| 19/08/07 | 15:00 | 22.4        | 23.3       | 21.6        | 69         | 16.4 | 8.0           | WNW | 8.05        | 22.5        | WNW       | 22.4          | 22.7          | 22.2 | 757.9 | 0.0  | 0.0          | 544           | 46.79           | 734                 | 2.6 |
| 19/08/07 | 16:00 | 23.6        | 24.6       | 22.1        | 59         | 15.1 | 8.0           | W   | 8.05        | 22.5        | WSW       | 23.6          | 23.6          | 23.1 | 757.8 | 0.0  | 0.0          | 354           | 30.45           | 572                 | 1.5 |
| 19/08/07 | 17:00 | 23.2        | 24.4       | 21.3        | 65         | 16.2 | 9.7           | WSW | 9.66        | 27.4        | WSW       | 23.2          | 23.6          | 22.7 | 758.5 | 0.0  | 0.0          | 263           | 22.62           | 368                 | 0.7 |
| 19/08/07 | 18:00 | 19.4        | 21.3       | 17.6        | 73         | 14.5 | 9.7           | SW  | 9.66        | 33.8        | SSW       | 19.4          | 19.7          | 18.4 | 759.2 | 0.0  | 0.0          | 75            | 6.45            | 208                 | 0.1 |
| 19/08/07 | 19:00 | 16.4        | 17.5       | 15.8        | 76         | 12.2 | 8.0           | SW  | 8.05        | 32.2        | SW        | 16.1          | 16.4          | 15.4 | 759.5 | 0.0  | 0.0          | 5             | 0.43            | 26                  | 0.0 |
| 19/08/07 | 20:00 | 15.8        | 15.9       | 15.8        | 78         | 11.9 | 11.3          | SW  | 11.27       | 30.6        | SSW       | 14.8          | 15.8          | 14.0 | 760.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 19/08/07 | 21:00 | 15.2        | 15.9       | 14.3        | 81         | 12.0 | 9.7           | SW  | 9.66        | 32.2        | SSW       | 14.3          | 15.4          | 13.8 | 760.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 19/08/07 | 22:00 | 13.9        | 14.3       | 13.7        | 79         | 10.3 | 9.7           | SW  | 9.66        | 32.2        | WSW       | 12.7          | 13.8          | 12.1 | 761.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 19/08/07 | 23:00 | 13.7        | 13.8       | 13.6        | 81         | 10.5 | 9.7           | SW  | 9.66        | 29.0        | SW        | 12.4          | 13.7          | 12.0 | 761.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 20/08/07 | 00:00 | 13.4        | 13.6       | 13.3        | 80         | 10.1 | 6.4           | WSW | 6.44        | 22.5        | W         | 12.7          | 13.4          | 12.6 | 761.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 20/08/07 | 1:00  | 13.2        | 13.3       | 13.1        | 79         | 9.6  | 8.0           | WSW | 8.05        | 27.4        | SW        | 12.1          | 13.1          | 11.7 | 761.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 20/08/07 | 2:00  | 13.0        | 13.2       | 12.8        | 79         | 9.4  | 8.0           | SW  | 8.05        | 29.0        | SW        | 11.8          | 12.9          | 11.5 | 760.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 20/08/07 | 3:00  | 12.6        | 12.8       | 12.4        | 81         | 9.4  | 11.3          | SW  | 11.27       | 29.0        | WSW       | 10.8          | 12.6          | 10.4 | 760.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 20/08/07 | 4:00  | 12.6        | 12.8       | 12.4        | 78         | 8.8  | 8.0           | SW  | 8.05        | 25.7        | S         | 11.3          | 12.4          | 10.9 | 760.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 20/08/07 | 5:00  | 12.9        | 13.0       | 12.8        | 76         | 8.8  | 9.7           | SW  | 9.66        | 27.4        | SSW       | 11.4          | 12.7          | 10.8 | 760.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 20/08/07 | 6:00  | 12.9        | 13.0       | 12.8        | 79         | 9.4  | 9.7           | SW  | 9.66        | 29.0        | SSW       | 11.5          | 12.8          | 11.0 | 761.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 20/08/07 | 7:00  | 12.7        | 12.8       | 12.7        | 80         | 9.4  | 11.3          | SSW | 11.27       | 30.6        | SSW       | 11.0          | 12.7          | 10.5 | 761.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 20/08/07 | 8:00  | 12.7        | 12.9       | 12.7        | 76         | 8.6  | 9.7           | SSW | 9.66        | 30.6        | SSW       | 11.2          | 12.5          | 10.7 | 762.1 | 0.0  | 0.0          | 20            | 1.72            | 53                  | 0.0 |
| 20/08/07 | 9:00  | 13.2        | 13.7       | 12.9        | 72         | 8.3  | 9.7           | SSW | 9.66        | 25.7        | SSW       | 11.8          | 12.8          | 11.0 | 762.4 | 0.0  | 0.0          | 109           | 9.38            | 218                 | 0.2 |
| 20/08/07 | 10:00 | 14.7        | 16.1       | 13.7        | 64         | 7.9  | 9.7           | SSW | 9.66        | 27.4        | SSW       | 13.6          | 14.1          | 12.5 | 762.9 | 0.0  | 0.0          | 350           | 30.10           | 524                 | 1.1 |
| 20/08/07 | 11:00 | 16.6        | 17.5       | 15.5        | 59         | 8.6  | 8.0           | SSW | 8.05        | 35.4        | S         | 16.2          | 16.1          | 15.0 | 762.6 | 0.0  | 0.0          | 550           | 47.31           | 600                 | 2.3 |
| 20/08/07 | 12:00 | 18.4        | 19.1       | 17.4        | 52         | 8.4  | 6.4           | SW  | 6.44        | 20.9        | S         | 18.4          | 17.5          | 17.2 | 761.9 | 0.0  | 0.0          | 637           | 54.79           | 670                 | 3.3 |
| 20/08/07 | 13:00 | 19.6        | 20.2       | 18.9        | 50         | 8.9  | 8.0           | SSW | 8.05        | 22.5        | S         | 19.6          | 18.6          | 17.8 | 761.3 | 0.0  | 0.0          | 682           | 58.66           | 691                 | 3.8 |
| 20/08/07 | 14:00 | 20.9        | 21.4       | 20.1        | 44         | 8.2  | 6.4           | SW  | 6.44        | 29.0        | W         | 20.9          | 19.9          | 19.9 | 760.5 | 0.0  | 0.0          | 667           | 57.37           | 686                 | 3.7 |
| 20/08/07 | 15:00 | 21.8        | 22.6       | 21.3        | 40         | 7.6  | 4.8           | W   | 4.83        | 25.7        | SW        | 21.8          | 20.8          | 20.8 | 759.9 | 0.0  | 0.0          | 588           | 50.57           | 637                 | 2.8 |
| 20/08/07 | 16:00 | 21.8        | 22.8       | 20.8        | 53         | 11.8 | 4.8           | WNW | 4.83        | 20.9        | W         | 21.8          | 21.1          | 21.1 | 759.6 | 0.0  | 0.0          | 452           | 38.88           | 528                 | 1.6 |
| 20/08/07 | 17:00 | 20.8        | 22.1       | 20.2        | 52         | 10.6 | 6.4           | WNW | 6.44        | 20.9        | WSW       | 20.8          | 20.1          | 20.0 | 759.4 | 0.0  | 0.0          | 276           | 23.74           | 370                 | 0.7 |
| 20/08/07 | 18:00 | 19.7        | 20.4       | 18.9        | 53         | 9.8  | 3.2           | W   | 3.22        | 19.3        | WNW       | 19.7          | 18.9          | 18.9 | 759.6 | 0.0  | 0.0          | 97            | 8.34            | 179                 | 0.1 |
| 20/08/07 | 19:00 | 17.6        | 18.9       | 16.4        | 63         | 10.5 | 3.2           | WSW | 3.22        | 19.3        | SSW       | 17.6          | 17.3          | 17.3 | 760.0 | 0.0  | 0.0          | 5             | 0.43            | 30                  | 0.0 |
| 20/08/07 | 20:00 | 15.5        | 16.4       | 14.8        | 66         | 9.2  | 4.8           | WSW | 4.83        | 17.7        | WSW       | 15.5          | 15.0          | 14.6 | 760.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 20/08/07 | 21:00 | 14.3        | 14.8       | 14.0        | 68         | 8.4  | 1.6           | WSW | 1.61        | 16.1        | SW        | 14.3          | 13.8          | 13.8 | 760.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 20/08/07 | 22:00 | 13.7        | 14.0       | 13.4        | 70         | 8.3  | 1.6           | WSW | 1.61        | 11.3        | SW        | 13.7          | 13.2          | 13.2 | 760.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 20/08/07 | 23:00 | 13.0        | 13.4       | 12.7        | 71         | 7.9  | 0.0           | WSW | 0.00        | 11.3        | SSW       | 13.0          | 12.6          | 12.6 | 760.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 21/08/07 | 00:00 | 12.1        | 12.7       | 11.1        | 78         | 8.4  | 0.0           | W   | 0.00        | 1.6         | W         | 12.1          | 11.9          | 11.9 | 760.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 21/08/07 | 1:00  | 10.9        | 11.3       | 9.8         | 82         | 7.9  | 0.0           | --- | 0.00        | 0.0         | ---       | 10.9          | 10.9          | 10.9 | 760.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 21/08/07 | 2:00  | 8.8         | 10.1       | 7.9         | 89         | 7.1  | 0.0           | W   | 0.00        | 4.8         | W         | 8.8           | 8.9           | 8.9  | 760.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 21/08/07 | 3:00  | 7.6         | 8.1        | 7.2         | 90         | 6.0  | 0.0           | SW  | 0.00        | 8.0         | WSW       | 7.6           | 7.6           | 7.6  | 759.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 21/08/07 | 4:00  | 6.7         | 7.3        | 6.2         | 93         | 5.7  | 0.0           | --- | 0.00        | 0.0         | ---       | 6.7           | 6.8           | 6.8  | 759.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 21/08/07 | 5:00  | 6.6         | 7.0        | 6.4         | 92         | 5.4  | 0.0           | SSE | 0.00        | 9.7         | SSE       | 6.6           | 6.7           | 6.7  | 759.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 21/08/07 | 6:00  | 6.6         | 6.8        | 6.3         | 92         | 5.3  | 1.6           | S   | 1.61        | 8.0         | S         | 6.6           | 6.6           | 6.6  | 759.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 21/08/07 | 7:00  | 6.7         | 6.9        | 6.4         | 91         | 5.4  | 0.0           | S   | 0.00        | 1.6         | S         | 6.7           | 6.8           | 6.8  | 760.1 | 0.0  | 0.0          | 1             | 0.09            | 7                   | 0.0 |
| 21/08/07 | 8:00  | 7.3         | 9.0        | 6.2         | 92         | 6.1  | 0.0           | S   | 0.00        | 8.0         | S         | 7.3           | 7.4           | 7.4  | 760.5 | 0.0  | 0.0          | 63            | 5.42            | 137                 | 0.0 |
| 21/08/07 | 9:00  | 12.2        | 13.9       | 9.0         | 77         | 8.3  | 0.0           | N   | 0.00        | 8.0         | N         | 12.2          | 12.1          | 12.1 | 760.9 | 0.0  | 0.0          | 222           | 19.09           | 311                 | 0.5 |
| 21/08/07 | 10:00 | 14.9        | 16.3       | 13.9        | 70         | 9.5  | 3.2           | N   | 3.22        | 9.7         | NNW       | 14.9          | 14.4          | 14.3 | 761.3 | 0.0  | 0.0          | 394           | 33.89           | 472                 | 1.2 |
| 21/08/07 | 11:00 | 17.7        | 18.9       | 16.3        | 61         | 10.1 | 3.2           | N   | 3.22        | 9.7         | N         | 17.7          | 17.4          | 17.4 | 761.1 | 0.0  | 0.0          | 541           | 46.53           | 604                 | 2.3 |
| 21/08/07 | 12:00 | 20.3        | 21.6       | 18.9        | 54         | 10.7 | 1.6           | N   | 1.61        | 11.3        | N         | 20.3          | 19.7          | 19.7 | 760.6 | 0.0  | 0.0          | 643           | 55.31           | 672                 | 3.3 |
| 21/08/07 | 13:00 | 22.5        | 23.7       | 21.6        | 50         | 11.6 | 4.8           | N   | 4.83        | 11.3        | NNW       | 22.5          | 22.0          | 22.0 | 759.9 | 0.0  | 0.0          | 683           | 58.75           | 691                 | 3.7 |
| 21/08/07 | 14:00 | 24.4        | 25.5       | 23.7        | 39         | 9.6  | 3.2           | N   | 3.22        | 11.3        | NNE       | 24.4          | 23.4          | 23.4 | 759.1 | 0.0  | 0.0          | 661           | 56.85           | 684                 | 3.4 |
| 21/08/07 | 15:00 | 25.9        | 26.2       | 25.4        | 41         | 11.6 | 4.8           | N   | 4.83        | 12.9        | NNW       | 25.9          | 25.7          | 25.7 | 758.4 | 0.0  | 0.0          | 580           | 49.89           | 632                 | 2.7 |
| 21/08/07 | 16:00 | 26.2        | 26.3       | 26.0        | 39         | 11.2 | 3.2           | N   | 3.22        | 11.3        | N         | 26.2          | 26.1          | 26.1 | 758.0 | 0.0  | 0.0          | 447           | 38.45           | 521                 | 1.6 |
| 21/08/07 | 17:00 | 26.6        | 26.6       | 26.3        | 41         | 12.2 | 1.6           | N   | 1.61        | 11.3        | N         | 26.6          | 26.6          | 26.6 | 757.9 | 0.0  | 0.0          | 277           | 23.83           | 366                 | 0.7 |
| 21/08/07 | 18:00 | 25.6        | 26.6       | 24.7        | 46         | 13.1 | 0.0           | NNE | 0.00        | 8.0         | NNE       | 25.6          | 25.4          | 25.4 | 757.8 | 0.0  | 0.0          | 99            | 8.52            | 183                 | 0.2 |
| 21/08/07 | 19:00 | 21.6        | 24.7       | 18.9        | 66         | 14.9 | 1.6           | S   | 1.61        | 8.0         | SSE       | 21.6          | 21.6          | 21.6 | 757.8 | 0.0  | 0.0          | 6             | 0.52            | 32                  | 0.0 |
| 21/08/07 | 20:00 | 18.7        | 19.3       | 18.1        | 68         | 12.6 | 8.0           | S   | 8.05        | 11.3        | SSE       | 18.7          | 18.5          | 17.6 | 758.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 21/08/07 | 21:00 | 18.3        | 19.1       | 17.7        | 70         | 12.7 | 8.0           | S   | 8.05        | 11.3        | S         | 18.3          | 18.1          | 17.1 | 758.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 21/08/07 | 22:00 | 18.6        | 19.1       | 18.2        | 69         | 12.8 | 6.4           | SSE | 6.44        | 12.9        | SE        | 18.6          | 18.4          | 18.1 | 758.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 21/08/07 | 23:00 | 18.5        | 18.9       | 17.9        | 70         | 12.9 | 0.0           | --- | 0.00        | 0.0         | ---       | 18.5          | 18.3          | 18.3 | 758.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 22/08/07 | 00:00 | 18.6        | 19.2       | 18.2        | 70         | 13.0 | 0.0           | SE  | 0.00        | 1.6         | SE        | 18.6          | 18.4          | 18.4 | 758.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 22/08/07 | 1:00  | 17.2        | 18.6       | 15.5        | 80         | 13.7 | 0.0           | SE  | 0.00        | 8.0         | SE        | 17.2          | 17.7          | 17.7 | 758.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 22/08/07 | 2:00  | 14.4        | 15.6       | 13.7        | 87         | 12.3 | 3.2           | SSE | 3.22        | 9.7         | SSE       | 14.4          | 14.5          | 14.4 | 758.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 22/08/07 | 3:00  | 14.8        | 15.8       | 13.7        | 82         | 11.8 | 4.8           | S   | 4.83        | 11.3        | S         | 14.7          | 14.9          | 14.5 | 757.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 22/08/07 | 4:00  | 16.4        | 17.3       | 15.2        | 76         | 12.2 | 0.0           | --- | 0.00        | 0.0         | ---       | 16.4          | 16.4          | 16.4 | 757.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 22/08/07 | 5:00  | 17.0        | 17.3       | 16.8        | 78         | 13.1 | 1.6           | E   | 1.61        | 8.0         | E         | 17.0          | 17.2          | 17.2 | 757.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 22/08/07 | 6:00  | 17.1        | 17.3       | 17.0        | 78         | 13.2 | 0.0           | --- | 0.00        | 0.0         | ---       | 17.1          | 17.3          | 17.3 | 757.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 22/08/07 | 7:00  | 17.1        | 17.2       | 16.9        | 78         | 13.2 | 3.2           | E   | 3.22        | 11.3        | E         | 17.1          | 17.3          | 17.3 | 758.5 | 0.0  | 0.0          | 1             | 0.09            | 9                   | 0.0 |
| 22/08/07 | 8:00  | 17.7        | 17.9       | 17.1        | 83         | 14.8 | 0.0           | ENE | 0.00        | 8.0         | ENE       | 17.7          | 18.3          | 18.3 | 759.1 | 0.0  | 0.0          | 67            | 5.76            | 144                 | 0.0 |
| 22/08/07 | 9:00  | 19.3        | 20.7       | 17.9        | 74         | 14.6 | 4.8           | ENE | 4.83        | 17.7        | NE        | 19.3          | 19.7          | 19.7 | 759.5 | 0.0  | 0.0          | 235           | 20.21           | 324                 | 0.6 |
| 22/08/07 | 10:00 | 21.0        | 22.0       | 20.2        | 62         | 13.4 | 9.7           | NE  | 9.66        | 20.9        | NE        | 21.0          | 21.0          | 19.9 | 759.7 | 0.0  | 0.0          | 410           | 35.26           | 489                 | 1.4 |
| 22/08/07 | 11:00 | 22.8        | 23.6       | 21.8        | 61         | 14.9 | 11.3          | NE  | 11.27       | 22.5        | NE        | 22.8          | 22.9          | 21.6 | 759.5 | 0.0  | 0.0          | 555           | 47.74           | 614                 | 2.5 |
| 22/08/07 | 12:00 | 24.1        | 24.6       | 23.3        | 60         | 15.8 | 12.9          | NE  | 12.87       | 25.7        | N         | 24.1          | 24.1          | 22.6 | 758.7 | 0.0  | 0.0          | 654           | 56.25           | 684                 | 3.6 |
| 22/08/07 | 13:00 | 25.4        | 26.3       | 24.6        | 54         | 15.5 | 12.9          | NE  | 12.87       | 24.1        | NNE       | 25.4          | 25.6          | 24.4 | 758.2 | 0.0  | 0.0          | 695           | 59.78           | 700                 | 4.0 |
| 22/08/07 | 14:00 | 27.2        | 28.0       | 25.9        | 52         | 16.5 | 11.3          | NE  | 11.27       | 20.9        | NE        | 27.2          | 27.5          | 26.7 | 757.4 | 0.0  | 0.0          | 674           | 57.97           | 695                 | 3.8 |
| 22/08/07 | 15:00 | 28.4        | 28.8       | 27.9        | 48         | 16.3 | 8.0           | NNE | 8.05        | 19.3        | N         | 28.4          | 29.2          | 28.9 | 756.4 | 0.0  | 0.0          | 593           | 51.00           | 640                 | 2.9 |
| 22/08/07 | 16:00 | 28.9        | 29.3       | 28.7        | 49         | 17.2 | 4.8           | NNE | 4.83        | 17.7        | N         | 28.9          | 29.8          | 29.8 | 755.9 | 0.0  | 0.0          | 462           | 39.74           | 533                 | 1.8 |
| 22/08/07 | 17:00 | 28.9        | 29.1       | 28.7        | 45         | 15.8 | 3.2           | NE  | 3.22        | 12.9        | NE        | 28.9          | 29.4          | 29.4 | 755.7 | 0.0  | 0.0          | 294           | 25.29           | 382                 | 0.8 |
| 22/08/07 | 18:00 | 27.8        | 28.7       | 26.6        | 47         | 15.5 | 3.2           | ENE | 3.22        | 11.3        | NE        | 27.8          | 28.4          | 28.4 | 755.5 | 0.0  | 0.0          | 113           | 9.72            | 201                 | 0.2 |
| 22/08/07 | 19:00 | 25.4        | 26.6       | 24.6        | 53         | 15.2 | 1.6           | E   | 1.61        | 9.7         | E         | 25.4          | 25.6          | 25.6 | 755.5 | 0.0  | 0.0          | 6             | 0.52            | 30                  | 0.0 |
| 22/08/07 | 20:00 | 23.9        | 24.6       | 23.1        | 59         | 15.4 | 4.8           | ESE | 4.83        | 11.3        | SE        | 23.9          | 23.9          | 23.9 | 755.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 22/08/07 | 21:00 | 23.0        | 23.3       | 22.3        | 64         | 15.8 | 3.2           | ESE | 3.22        | 11.3        | E         | 23.0          | 23.3          | 23.3 | 756.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 22/08/07 | 22:00 | 21.7        | 22.2       | 21.4        | 65         | 14.9 | 0.0           | ESE | 0.00        | 8.0         | ESE       | 21.7          | 21.7          | 21.7 | 756.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 22/08/07 | 23:00 | 21.8        | 22.1       | 21.4        | 61         | 13.9 | 3.2           | ESE | 3.22        | 11.3        | ESE       | 21.8          | 21.8          | 21.8 | 756.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 23/08/07 | 00:00 | 20.7        | 21.4       | 20.3        | 66         | 14.1 | 6.4           | SE  | 6.44        | 11.3        | ESE       | 20.7          | 20.7          | 20.7 | 756.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 23/08/07 | 1:00  | 20.7        | 21.1       | 20.2        | 62         | 13.2 | 8.0           | SE  | 8.05        | 16.1        | SE        | 20.7          | 20.7          | 20.1 | 755.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 23/08/07 | 2:00  | 20.4        | 20.9       | 19.8        | 60         | 12.4 | 11.3          | SE  | 11.27       | 20.9        | SE        | 20.4          | 20.4          | 19.0 | 755.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 23/08/07 | 3:00  | 20.9        | 21.3       | 20.6        | 59         | 12.6 | 14.5          | SE  | 14.48       | 22.5        | SE        | 20.9          | 20.8          | 18.6 | 754.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 23/08/07 | 4:00  | 20.2        | 21.0       | 19.5        | 61         | 12.5 | 8.0           | ESE | 8.05        | 19.3        | ESE       | 20.2          | 20.2          | 19.5 | 754.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 23/08/07 | 5:00  | 19.2        | 19.9       | 18.9        | 63         | 12.0 | 3.2           | E   | 3.22        | 9.7         | E         | 19.2          | 19.1          | 19.1 | 754.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 23/08/07 | 6:00  | 18.7        | 19.1       | 18.2        | 63         | 11.5 | 0.0           | --- | 0.00        | 0.0         | ---       | 18.7          | 18.6          | 18.6 | 754.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 23/08/07 | 7:00  | 18.7        | 18.9       | 18.2        | 63         | 11.5 | 1.6           | E   | 1.61        | 9.7         | E         | 18.7          | 18.4          | 18.4 | 755.0 | 0.0  | 0.0          | 1             | 0.09            | 11                  | 0.0 |
| 23/08/07 | 8:00  | 19.3        | 20.2       | 18.8        | 67         | 13.0 | 0.0           | E   | 0.00        | 8.0         | E         | 19.3          | 19.2          | 19.2 | 755.8 | 0.0  | 0.0          | 73            | 6.28            | 153                 | 0.1 |
| 23/08/07 | 9:00  | 21.6        | 22.8       | 19.9        | 53         | 11.6 | 12.9          | ENE | 12.87       | 27.4        | E         | 21.6          | 20.8          | 19.1 | 756.2 | 0.0  | 0.0          | 242           | 20.81           | 331                 | 0.6 |
| 23/08/07 | 10:00 | 22.9        | 23.7       | 22.4        | 53         | 12.9 | 12.9          | NE  | 12.87       | 22.5        | NE        | 22.9          | 22.8          | 21.3 | 756.6 | 0.0  | 0.0          | 416           | 35.78           | 494                 | 1.5 |
| 23/08/07 | 11:00 | 24.5        | 25.8       | 23.6        | 48         | 12.8 | 11.3          | NE  | 11.27       | 24.1        | NE        | 24.5          | 24.3          | 23.2 | 756.5 | 0.0  | 0.0          | 561           | 48.25           | 618                 | 2.6 |
| 23/08/07 | 12:00 | 26.3        | 27.7       | 25.4        | 49         | 14.7 | 9.7           | NE  | 9.66        | 22.5        | N         | 26.3          | 26.3          | 25.6 | 755.7 | 0.0  | 0.0          | 658           | 56.60           | 690                 | 3.6 |
| 23/08/07 | 13:00 | 28.8        | 29.5       | 27.6        | 37         | 12.6 | 12.9          | NE  | 12.87       | 29.0        | ENE       | 28.8          | 28.5          | 27.7 | 754.8 | 0.0  | 0.0          | 701           | 60.29           | 707                 | 4.1 |
| 23/08/07 | 14:00 | 30.3        | 31.0       | 29.3        | 31         | 11.3 | 12.9          | NE  | 12.87       | 29.0        | NE        | 30.3          | 29.4          | 28.7 | 753.7 | 0.0  | 0.0          | 680           | 58.49           | 700                 | 3.8 |
| 23/08/07 | 15:00 | 31.1        | 31.6       | 30.4        | 28         | 10.4 | 11.3          | NE  | 11.27       | 22.5        | NNE       | 31.1          | 29.8          | 29.4 | 753.0 | 0.0  | 0.0          | 597           | 51.35           | 648                 | 2.8 |
| 23/08/07 | 16:00 | 31.6        | 31.8       | 31.4        | 28         | 10.8 | 14.5          | ENE | 14.48       | 29.0        | NE        | 31.6          | 30.3          | 29.7 | 752.4 | 0.0  | 0.0          | 457           | 39.31           | 542                 | 1.7 |
| 23/08/07 | 17:00 | 31.1        | 31.4       | 30.8        | 33         | 12.9 | 11.3          | ENE | 11.27       | 22.5        | ENE       | 31.1          | 30.4          | 30.0 | 752.3 | 0.0  | 0.0          | 275           | 23.65           | 371                 | 0.7 |
| 23/08/07 | 18:00 | 30.1        | 30.8       | 29.2        | 34         | 12.5 | 6.4           | ENE | 6.44        | 19.3        | ENE       | 30.1          | 29.5          | 29.5 | 752.1 | 0.0  | 0.0          | 100           | 8.60            | 179                 | 0.2 |
| 23/08/07 | 19:00 | 27.4        | 29.3       | 26.0        | 43         | 13.8 | 3.2           | E   | 3.22        | 16.1        | E         | 27.4          | 27.6          | 27.6 | 752.1 | 0.0  | 0.0          | 6             | 0.52            | 28                  | 0.0 |
| 23/08/07 | 20:00 | 26.1        | 26.7       | 25.7        | 39         | 11.0 | 6.4           | E   | 6.44        | 17.7        | E         | 26.1          | 25.9          | 25.9 | 752.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 23/08/07 | 21:00 | 26.7        | 26.9       | 26.3        | 39         | 11.6 | 11.3          | ENE | 11.27       | 27.4        | ENE       | 26.7          | 26.6          | 25.7 | 752.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 23/08/07 | 22:00 | 26.0        | 26.3       | 25.7        | 40         | 11.4 | 11.3          | ENE | 11.27       | 20.9        | ENE       | 26.0          | 25.9          | 25.0 | 752.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 23/08/07 | 23:00 | 25.4        | 25.7       | 24.9        | 42         | 11.5 | 8.0           | ENE | 8.05        | 19.3        | NE        | 25.4          | 24.9          | 24.5 | 752.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 24/08/07 | 00:00 | 24.0        | 24.8       | 23.4        | 48         | 12.3 | 4.8           | ENE | 4.83        | 11.3        | ENE       | 24.0          | 23.8          | 23.8 | 752.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 24/08/07 | 1:00  | 23.5        | 23.7       | 23.3        | 43         | 10.2 | 6.4           | ENE | 6.44        | 16.1        | E         | 23.5          | 22.8          | 22.8 | 752.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 24/08/07 | 2:00  | 22.9        | 23.6       | 22.5        | 50         | 12.0 | 4.8           | ENE | 4.83        | 12.9        | ENE       | 22.9          | 22.8          | 22.8 | 752.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 24/08/07 | 3:00  | 22.1        | 22.6       | 21.7        | 48         | 10.6 | 6.4           | ENE | 6.44        | 16.1        | ENE       | 22.1          | 21.3          | 21.3 | 752.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 24/08/07 | 4:00  | 22.2        | 22.8       | 21.8        | 46         | 10.0 | 8.0           | ENE | 8.05        | 19.3        | E         | 22.2          | 21.3          | 20.8 | 752.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 24/08/07 | 5:00  | 22.4        | 22.8       | 21.8        | 48         | 10.9 | 8.0           | ENE | 8.05        | 17.7        | ENE       | 22.4          | 21.8          | 21.2 | 752.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 24/08/07 | 6:00  | 21.8        | 21.9       | 21.6        | 50         | 10.9 | 8.0           | E   | 8.05        | 19.3        | E         | 21.8          | 20.9          | 20.3 | 752.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 24/08/07 | 7:00  | 21.8        | 22.0       | 21.3        | 53         | 11.8 | 8.0           | ENE | 8.05        | 19.3        | NNE       | 21.8          | 21.2          | 20.6 | 753.3 | 0.0  | 0.0          | 2             | 0.17            | 12                  | 0.0 |
| 24/08/07 | 8:00  | 21.3        | 21.6       | 20.4        | 66         | 14.7 | 3.2           | ENE | 3.22        | 16.1        | ENE       | 21.3          | 21.3          | 21.3 | 754.2 | 0.0  | 0.0          | 74            | 6.36            | 164                 | 0.1 |
| 24/08/07 | 9:00  | 22.1        | 23.7       | 20.4        | 56         | 12.9 | 3.2           | ENE | 3.22        | 19.3        | ENE       | 22.1          | 21.8          | 21.8 | 754.7 | 0.0  | 0.0          | 256           | 22.02           | 348                 | 0.7 |
| 24/08/07 | 10:00 | 24.8        | 25.5       | 23.8        | 49         | 13.3 | 9.7           | NE  | 9.66        | 19.3        | NE        | 24.8          | 24.7          | 23.9 | 755.1 | 0.0  | 0.0          | 431           | 37.07           | 512                 | 1.6 |
| 24/08/07 | 11:00 | 26.6        | 27.8       | 25.5        | 42         | 12.6 | 12.9          | NE  | 12.87       | 25.7        | ENE       | 26.6          | 26.6          | 25.6 | 754.9 | 0.0  | 0.0          | 580           | 49.89           | 637                 | 2.8 |
| 24/08/07 | 12:00 | 28.6        | 29.7       | 27.7        | 37         | 12.5 | 14.5          | NE  | 14.48       | 27.4        | ENE       | 28.6          | 28.3          | 27.3 | 754.2 | 0.0  | 0.0          | 674           | 57.97           | 704                 | 3.8 |
| 24/08/07 | 13:00 | 30.3        | 30.9       | 29.7        | 35         | 13.2 | 14.5          | NE  | 14.48       | 25.7        | NE        | 30.3          | 29.8          | 29.1 | 753.1 | 0.0  | 0.0          | 712           | 61.24           | 716                 | 4.3 |
| 24/08/07 | 14:00 | 31.7        | 32.3       | 30.7        | 27         | 10.4 | 12.9          | NE  | 12.87       | 27.4        | ENE       | 31.7          | 30.4          | 29.9 | 752.2 | 0.0  | 0.0          | 688           | 59.18           | 711                 | 3.9 |
| 24/08/07 | 15:00 | 32.4        | 32.9       | 32.1        | 30         | 12.6 | 12.9          | ENE | 12.87       | 25.7        | ENE       | 32.4          | 31.9          | 31.5 | 751.2 | 0.0  | 0.0          | 603           | 51.86           | 656                 | 3.0 |
| 24/08/07 | 16:00 | 33.0        | 33.1       | 32.8        | 29         | 12.6 | 11.3          | ENE | 11.27       | 25.7        | NE        | 33.0          | 32.7          | 32.4 | 750.5 | 0.0  | 0.0          | 470           | 40.43           | 544                 | 1.8 |
| 24/08/07 | 17:00 | 32.5        | 33.0       | 31.9        | 34         | 14.6 | 8.0           | ENE | 8.05        | 22.5        | ENE       | 32.5          | 32.6          | 32.5 | 750.5 | 0.0  | 0.0          | 293           | 25.20           | 394                 | 0.8 |
| 24/08/07 | 18:00 | 30.7        | 31.9       | 29.3        | 39         | 15.2 | 4.8           | ENE | 4.83        | 12.9        | E         | 30.7          | 30.7          | 30.7 | 750.3 | 0.0  | 0.0          | 108           | 9.29            | 195                 | 0.2 |
| 24/08/07 | 19:00 | 28.4        | 29.3       | 27.7        | 37         | 12.3 | 4.8           | ENE | 4.83        | 12.9        | E         | 28.4          | 28.1          | 28.1 | 750.4 | 0.0  | 0.0          | 6             | 0.52            | 28                  | 0.0 |
| 24/08/07 | 20:00 | 27.8        | 28.3       | 27.4        | 38         | 12.2 | 8.0           | ENE | 8.05        | 20.9        | NE        | 27.8          | 27.6          | 27.3 | 750.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 24/08/07 | 21:00 | 26.8        | 27.6       | 26.4        | 39         | 11.7 | 4.8           | ENE | 4.83        | 12.9        | E         | 26.8          | 26.7          | 26.7 | 751.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 24/08/07 | 22:00 | 25.5        | 26.4       | 24.5        | 49         | 14.0 | 1.6           | E   | 1.61        | 11.3        | E         | 25.5          | 25.4          | 25.4 | 751.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 24/08/07 | 23:00 | 22.6        | 24.4       | 20.6        | 63         | 15.2 | 0.0           | E   | 0.00        | 8.0         | E         | 22.6          | 22.7          | 22.7 | 751.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 25/08/07 | 00:00 | 20.8        | 22.5       | 18.7        | 63         | 13.5 | 3.2           | E   | 3.22        | 11.3        | ENE       | 20.8          | 20.8          | 20.8 | 751.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 25/08/07 | 1:00  | 22.1        | 22.7       | 21.7        | 58         | 13.5 | 4.8           | E   | 4.83        | 12.9        | ENE       | 22.1          | 21.9          | 21.9 | 751.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 25/08/07 | 2:00  | 21.7        | 22.0       | 20.6        | 60         | 13.6 | 6.4           | E   | 6.44        | 9.7         | E         | 21.7          | 21.7          | 21.6 | 751.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 25/08/07 | 3:00  | 21.2        | 21.8       | 20.2        | 52         | 10.9 | 6.4           | ESE | 6.44        | 12.9        | E         | 21.2          | 20.4          | 20.3 | 751.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 25/08/07 | 4:00  | 22.1        | 22.5       | 21.7        | 44         | 9.2  | 4.8           | E   | 4.83        | 11.3        | E         | 22.1          | 21.1          | 21.1 | 750.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 25/08/07 | 5:00  | 22.9        | 23.3       | 22.5        | 42         | 9.3  | 8.0           | E   | 8.05        | 17.7        | ENE       | 22.9          | 22.1          | 21.5 | 750.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 25/08/07 | 6:00  | 23.3        | 23.7       | 22.9        | 40         | 8.9  | 9.7           | E   | 9.66        | 22.5        | E         | 23.3          | 22.3          | 21.4 | 751.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 25/08/07 | 7:00  | 23.8        | 24.1       | 23.6        | 40         | 9.4  | 11.3          | ENE | 11.27       | 22.5        | E         | 23.8          | 22.8          | 21.7 | 751.5 | 0.0  | 0.0          | 2             | 0.17            | 14                  | 0.0 |
| 25/08/07 | 8:00  | 23.3        | 23.7       | 22.7        | 56         | 14.1 | 6.4           | ENE | 6.44        | 19.3        | ENE       | 23.3          | 23.3          | 23.3 | 752.4 | 0.0  | 0.0          | 58            | 4.99            | 100                 | 0.0 |
| 25/08/07 | 9:00  | 22.7        | 23.6       | 21.9        | 49         | 11.5 | 4.8           | ENE | 4.83        | 17.7        | NE        | 22.7          | 22.4          | 22.4 | 752.4 | 0.0  | 0.0          | 187           | 16.08           | 271                 | 0.4 |
| 25/08/07 | 10:00 | 24.2        | 24.8       | 23.6        | 58         | 15.4 | 11.3          | ENE | 11.27       | 20.9        | NE        | 24.2          | 24.2          | 23.1 | 752.5 | 0.0  | 0.0          | 274           | 23.57           | 415                 | 0.7 |
| 25/08/07 | 11:00 | 24.8        | 25.6       | 23.9        | 51         | 14.0 | 11.3          | NE  | 11.27       | 22.5        | NNE       | 24.8          | 24.8          | 23.8 | 752.5 | 0.0  | 0.0          | 271           | 23.31           | 477                 | 0.8 |
| 25/08/07 | 12:00 | 26.1        | 26.6       | 25.3        | 48         | 14.2 | 8.0           | NE  | 8.05        | 17.7        | NNE       | 26.1          | 26.1          | 25.7 | 752.0 | 0.0  | 0.0          | 306           | 26.32           | 403                 | 1.2 |
| 25/08/07 | 13:00 | 27.8        | 28.4       | 26.7        | 51         | 16.7 | 8.0           | NNE | 8.05        | 16.1        | NNE       | 27.8          | 28.6          | 28.3 | 751.3 | 0.0  | 0.0          | 509           | 43.78           | 663                 | 1.9 |
| 25/08/07 | 14:00 | 28.7        | 29.4       | 28.0        | 46         | 15.9 | 9.7           | NE  | 9.66        | 19.3        | N         | 28.7          | 29.3          | 28.8 | 750.5 | 0.0  | 0.0          | 488           | 41.97           | 644                 | 1.8 |
| 25/08/07 | 15:00 | 29.2        | 29.5       | 28.9        | 47         | 16.7 | 9.7           | NE  | 9.66        | 17.7        | NE        | 29.2          | 29.9          | 29.5 | 749.7 | 0.0  | 0.0          | 408           | 35.09           | 547                 | 1.3 |
| 25/08/07 | 16:00 | 29.8        | 30.1       | 29.3        | 45         | 16.6 | 9.7           | NE  | 9.66        | 17.7        | ENE       | 29.8          | 30.3          | 29.9 | 749.3 | 0.0  | 0.0          | 374           | 32.17           | 479                 | 1.0 |
| 25/08/07 | 17:00 | 30.0        | 30.4       | 29.6        | 47         | 17.5 | 6.4           | ENE | 6.44        | 16.1        | NE        | 30.0          | 30.7          | 30.7 | 749.1 | 0.0  | 0.0          | 215           | 18.49           | 292                 | 0.5 |
| 25/08/07 | 18:00 | 28.7        | 29.6       | 27.7        | 58         | 19.6 | 0.0           | ENE | 0.00        | 4.8         | ENE       | 28.7          | 30.2          | 30.2 | 749.1 | 0.0  | 0.0          | 77            | 6.62            | 139                 | 0.1 |
| 25/08/07 | 19:00 | 25.8        | 27.7       | 24.2        | 54         | 15.8 | 0.0           | E   | 0.00        | 1.6         | E         | 25.8          | 26.1          | 26.1 | 749.2 | 0.0  | 0.0          | 5             | 0.43            | 26                  | 0.0 |
| 25/08/07 | 20:00 | 24.8        | 25.1       | 24.5        | 59         | 16.3 | 0.0           | E   | 0.00        | 1.6         | E         | 24.8          | 24.8          | 24.8 | 749.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 25/08/07 | 21:00 | 24.7        | 25.4       | 24.3        | 59         | 16.2 | 0.0           | E   | 0.00        | 1.6         | E         | 24.7          | 24.7          | 24.7 | 750.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 25/08/07 | 22:00 | 24.2        | 24.7       | 23.3        | 69         | 18.2 | 0.0           | --- | 0.00        | 0.0         | ---       | 24.2          | 25.1          | 25.1 | 750.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 25/08/07 | 23:00 | 22.7        | 23.3       | 21.6        | 69         | 16.7 | 1.6           | E   | 1.61        | 8.0         | E         | 22.7          | 23.4          | 23.4 | 751.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 26/08/07 | 00:00 | 21.7        | 22.0       | 21.4        | 71         | 16.2 | 4.8           | E   | 4.83        | 11.3        | E         | 21.7          | 21.8          | 21.8 | 750.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 26/08/07 | 1:00  | 20.9        | 21.4       | 20.2        | 72         | 15.7 | 6.4           | E   | 6.44        | 11.3        | E         | 20.9          | 21.1          | 21.1 | 751.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 26/08/07 | 2:00  | 19.5        | 20.2       | 18.9        | 73         | 14.5 | 6.4           | SSE | 6.44        | 11.3        | S         | 19.5          | 19.8          | 19.6 | 750.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 26/08/07 | 3:00  | 19.4        | 21.2       | 18.7        | 63         | 12.2 | 4.8           | SSE | 4.83        | 9.7         | SSE       | 19.4          | 19.4          | 19.4 | 750.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 26/08/07 | 4:00  | 21.9        | 23.1       | 21.3        | 54         | 12.2 | 3.2           | SSE | 3.22        | 16.1        | E         | 21.9          | 21.4          | 21.4 | 749.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 26/08/07 | 5:00  | 22.7        | 23.6       | 22.1        | 64         | 15.6 | 6.4           | E   | 6.44        | 22.5        | NW        | 22.7          | 23.0          | 23.0 | 750.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 26/08/07 | 6:00  | 20.6        | 22.3       | 19.7        | 75         | 16.0 | 4.8           | E   | 4.83        | 11.3        | ESE       | 20.6          | 21.1          | 21.1 | 750.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 26/08/07 | 7:00  | 20.7        | 21.2       | 19.7        | 75         | 16.1 | 1.6           | SSW | 1.61        | 9.7         | W         | 20.7          | 21.2          | 21.2 | 751.9 | 0.0  | 0.0          | 0             | 0.00            | 5                   | 0.0 |
| 26/08/07 | 8:00  | 20.4        | 20.7       | 20.2        | 80         | 16.9 | 3.2           | SW  | 3.22        | 16.1        | SW        | 20.4          | 21.4          | 21.4 | 752.5 | 0.0  | 0.0          | 22            | 1.89            | 35                  | 0.0 |
| 26/08/07 | 9:00  | 20.1        | 20.2       | 19.9        | 80         | 16.6 | 1.6           | W   | 1.61        | 12.9        | S         | 20.1          | 21.1          | 21.1 | 753.4 | 0.0  | 0.0          | 35            | 3.01            | 46                  | 0.0 |
| 26/08/07 | 10:00 | 20.1        | 20.3       | 19.9        | 79         | 16.4 | 6.4           | SW  | 6.44        | 19.3        | WSW       | 20.1          | 21.0          | 20.9 | 754.2 | 0.0  | 0.0          | 115           | 9.89            | 209                 | 0.3 |
| 26/08/07 | 11:00 | 20.3        | 20.6       | 19.9        | 80         | 16.8 | 6.4           | W   | 6.44        | 20.9        | WSW       | 20.3          | 21.3          | 21.2 | 754.3 | 0.0  | 0.0          | 103           | 8.86            | 216                 | 0.3 |
| 26/08/07 | 12:00 | 19.6        | 19.9       | 19.3        | 79         | 15.8 | 4.8           | W   | 4.83        | 17.7        | SW        | 19.6          | 20.4          | 20.4 | 754.0 | 0.0  | 0.0          | 56            | 4.82            | 83                  | 0.2 |
| 26/08/07 | 13:00 | 19.7        | 20.1       | 19.4        | 78         | 15.7 | 8.0           | WSW | 8.05        | 20.9        | SSW       | 19.7          | 20.4          | 19.7 | 754.2 | 0.0  | 0.0          | 130           | 11.18           | 202                 | 0.5 |
| 26/08/07 | 14:00 | 21.3        | 22.9       | 19.4        | 65         | 14.5 | 8.0           | W   | 8.05        | 20.9        | SW        | 21.3          | 21.3          | 20.7 | 753.9 | 0.0  | 0.0          | 427           | 36.73           | 616                 | 1.8 |
| 26/08/07 | 15:00 | 23.3        | 24.2       | 22.7        | 58         | 14.6 | 8.0           | SW  | 8.05        | 25.7        | W         | 23.3          | 23.3          | 22.8 | 753.7 | 0.0  | 0.0          | 460           | 39.57           | 572                 | 1.7 |
| 26/08/07 | 16:00 | 23.3        | 24.2       | 22.1        | 64         | 16.1 | 6.4           | WSW | 6.44        | 25.7        | SSW       | 23.3          | 23.7          | 23.7 | 753.8 | 0.0  | 0.0          | 258           | 22.19           | 445                 | 0.9 |
| 26/08/07 | 17:00 | 20.4        | 22.1       | 18.9        | 73         | 15.4 | 8.0           | WSW | 8.05        | 33.8        | SSW       | 20.4          | 20.7          | 20.0 | 754.7 | 0.0  | 0.0          | 80            | 6.88            | 137                 | 0.2 |
| 26/08/07 | 18:00 | 18.4        | 18.9       | 18.2        | 74         | 13.7 | 8.0           | SW  | 8.05        | 32.2        | WSW       | 18.4          | 18.6          | 17.7 | 755.3 | 0.0  | 0.0          | 28            | 2.41            | 49                  | 0.0 |
| 26/08/07 | 19:00 | 17.4        | 18.2       | 17.1        | 78         | 13.6 | 8.0           | SW  | 8.05        | 27.4        | W         | 17.3          | 17.8          | 16.8 | 755.7 | 0.0  | 0.0          | 1             | 0.09            | 9                   | 0.0 |
| 26/08/07 | 20:00 | 16.8        | 17.1       | 16.4        | 76         | 12.5 | 8.0           | SW  | 8.05        | 27.4        | SSW       | 16.4          | 16.8          | 15.8 | 756.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 26/08/07 | 21:00 | 16.2        | 16.4       | 16.1        | 79         | 12.6 | 9.7           | SW  | 9.66        | 29.0        | SW        | 15.6          | 16.4          | 14.9 | 757.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 26/08/07 | 22:00 | 15.8        | 16.1       | 15.6        | 80         | 12.4 | 6.4           | SW  | 6.44        | 27.4        | WSW       | 15.6          | 16.1          | 15.4 | 757.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 26/08/07 | 23:00 | 15.3        | 15.6       | 15.1        | 80         | 11.9 | 9.7           | SSW | 9.66        | 30.6        | SSW       | 14.4          | 15.5          | 13.9 | 757.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 27/08/07 | 00:00 | 15.0        | 15.1       | 14.8        | 79         | 11.4 | 9.7           | SW  | 9.66        | 27.4        | SW        | 14.1          | 15.1          | 13.4 | 757.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 27/08/07 | 1:00  | 14.6        | 14.8       | 14.4        | 82         | 11.6 | 9.7           | SW  | 9.66        | 30.6        | SW        | 13.6          | 14.7          | 13.1 | 757.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 27/08/07 | 2:00  | 14.4        | 14.4       | 14.2        | 78         | 10.6 | 9.7           | SW  | 9.66        | 25.7        | SW        | 13.3          | 14.3          | 12.7 | 757.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 27/08/07 | 3:00  | 13.9        | 14.2       | 13.8        | 80         | 10.5 | 8.0           | SW  | 8.05        | 22.5        | WSW       | 13.0          | 13.9          | 12.6 | 757.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 27/08/07 | 4:00  | 13.6        | 13.9       | 13.3        | 84         | 11.0 | 6.4           | WSW | 6.44        | 20.9        | SW        | 12.9          | 13.7          | 12.8 | 756.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 27/08/07 | 5:00  | 13.4        | 13.5       | 13.3        | 84         | 10.7 | 6.4           | SW  | 6.44        | 25.7        | SW        | 12.7          | 13.4          | 12.6 | 757.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 27/08/07 | 6:00  | 13.4        | 13.5       | 13.3        | 82         | 10.4 | 8.0           | SW  | 8.05        | 27.4        | SW        | 12.4          | 13.4          | 12.1 | 757.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 27/08/07 | 7:00  | 12.7        | 13.3       | 12.2        | 81         | 9.5  | 6.4           | SW  | 6.44        | 22.5        | WSW       | 11.8          | 12.6          | 11.6 | 758.7 | 0.0  | 0.0          | 2             | 0.17            | 12                  | 0.0 |
| 27/08/07 | 8:00  | 12.4        | 13.3       | 12.1        | 76         | 8.3  | 4.8           | WSW | 4.83        | 19.3        | WSW       | 11.9          | 12.2          | 11.6 | 759.1 | 0.0  | 0.0          | 67            | 5.76            | 151                 | 0.0 |
| 27/08/07 | 9:00  | 13.6        | 14.4       | 13.2        | 74         | 9.1  | 11.3          | SW  | 11.27       | 29.0        | S         | 12.1          | 13.3          | 11.2 | 760.0 | 0.0  | 0.0          | 208           | 17.89           | 320                 | 0.4 |
| 27/08/07 | 10:00 | 14.6        | 15.5       | 13.9        | 68         | 8.7  | 11.3          | SW  | 11.27       | 30.6        | SSW       | 13.3          | 14.1          | 12.1 | 760.9 | 0.0  | 0.0          | 300           | 25.80           | 470                 | 1.0 |
| 27/08/07 | 11:00 | 15.5        | 15.7       | 15.1        | 64         | 8.7  | 8.0           | SW  | 8.05        | 29.0        | SW        | 14.9          | 15.0          | 13.8 | 761.2 | 0.0  | 0.0          | 204           | 17.55           | 510                 | 1.0 |
| 27/08/07 | 12:00 | 16.1        | 17.3       | 15.3        | 60         | 8.3  | 6.4           | SW  | 6.44        | 22.5        | SW        | 15.9          | 15.6          | 15.0 | 761.0 | 0.0  | 0.0          | 311           | 26.75           | 422                 | 1.7 |
| 27/08/07 | 13:00 | 18.1        | 19.1       | 17.1        | 52         | 8.0  | 8.0           | SW  | 8.05        | 30.6        | SW        | 18.0          | 17.1          | 16.1 | 760.2 | 0.0  | 0.0          | 482           | 41.46           | 797                 | 3.0 |
| 27/08/07 | 14:00 | 18.4        | 19.1       | 17.7        | 54         | 8.9  | 8.0           | SW  | 8.05        | 27.4        | SW        | 18.4          | 17.6          | 16.7 | 759.6 | 0.0  | 0.0          | 461           | 39.65           | 746                 | 2.7 |
| 27/08/07 | 15:00 | 17.1        | 18.3       | 16.1        | 59         | 9.0  | 6.4           | SW  | 6.44        | 25.7        | SSW       | 17.1          | 16.6          | 16.1 | 759.4 | 0.0  | 0.0          | 274           | 23.57           | 415                 | 1.4 |
| 27/08/07 | 16:00 | 15.4        | 16.1       | 14.8        | 68         | 9.6  | 4.8           | SW  | 4.83        | 25.7        | SW        | 15.4          | 14.9          | 14.6 | 759.6 | 0.0  | 0.0          | 119           | 10.24           | 188                 | 0.5 |
| 27/08/07 | 17:00 | 14.4        | 14.8       | 13.7        | 54         | 5.2  | 6.4           | SW  | 6.44        | 25.7        | SSW       | 13.8          | 13.4          | 12.6 | 759.8 | 0.0  | 0.0          | 47            | 4.04            | 72                  | 0.0 |
| 27/08/07 | 18:00 | 12.2        | 13.7       | 11.1        | 81         | 9.0  | 8.0           | SW  | 8.05        | 22.5        | SW        | 10.8          | 12.1          | 10.6 | 760.2 | 0.0  | 0.0          | 14            | 1.20            | 30                  | 0.0 |
| 27/08/07 | 19:00 | 10.9        | 11.1       | 10.7        | 84         | 8.3  | 4.8           | SSW | 4.83        | 17.7        | SSW       | 10.1          | 10.9          | 10.1 | 760.0 | 0.0  | 0.0          | 0             | 0.00            | 5                   | 0.0 |
| 27/08/07 | 20:00 | 10.9        | 11.1       | 10.7        | 86         | 8.6  | 1.6           | SW  | 1.61        | 16.1        | SW        | 10.9          | 10.9          | 10.9 | 760.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 27/08/07 | 21:00 | 11.0        | 11.1       | 10.9        | 90         | 9.4  | 1.6           | W   | 1.61        | 11.3        | W         | 11.0          | 11.1          | 11.1 | 761.3 | 0.2  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 27/08/07 | 22:00 | 10.9        | 10.9       | 10.9        | 92         | 9.6  | 0.0           | --- | 0.00        | 0.0         | ---       | 10.9          | 11.1          | 11.1 | 761.2 | 0.2  | 1.2          | 0             | 0.00            | 0                   | 0.0 |
| 27/08/07 | 23:00 | 11.1        | 11.1       | 10.9        | 92         | 9.8  | 0.0           | SSW | 0.00        | 9.7         | SSW       | 11.1          | 11.2          | 11.2 | 760.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 28/08/07 | 00:00 | 11.2        | 11.2       | 11.1        | 92         | 9.9  | 0.0           | WSW | 0.00        | 6.4         | WSW       | 11.2          | 11.3          | 11.3 | 760.0 | 0.2  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 28/08/07 | 1:00  | 10.9        | 11.1       | 10.6        | 91         | 9.5  | 1.6           | W   | 1.61        | 11.3        | W         | 10.9          | 11.1          | 11.1 | 759.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 28/08/07 | 2:00  | 10.7        | 10.8       | 10.6        | 91         | 9.3  | 1.6           | S   | 1.61        | 11.3        | S         | 10.7          | 10.9          | 10.9 | 759.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 28/08/07 | 3:00  | 10.9        | 11.1       | 10.8        | 87         | 8.9  | 0.0           | WSW | 0.00        | 8.0         | WSW       | 10.9          | 11.1          | 11.1 | 759.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 28/08/07 | 4:00  | 10.9        | 11.1       | 10.9        | 89         | 9.2  | 0.0           | W   | 0.00        | 4.8         | W         | 10.9          | 11.1          | 11.1 | 758.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 28/08/07 | 5:00  | 11.2        | 11.4       | 10.9        | 86         | 9.0  | 4.8           | W   | 4.83        | 19.3        | WSW       | 10.5          | 11.3          | 10.5 | 759.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 28/08/07 | 6:00  | 11.1        | 11.2       | 10.9        | 88         | 9.1  | 3.2           | SSW | 3.22        | 16.1        | SSW       | 10.9          | 11.2          | 11.0 | 759.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 28/08/07 | 7:00  | 11.3        | 11.6       | 11.1        | 85         | 8.9  | 1.6           | SW  | 1.61        | 12.9        | SW        | 11.3          | 11.4          | 11.4 | 759.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 28/08/07 | 8:00  | 11.7        | 11.8       | 11.4        | 86         | 9.4  | 3.2           | SSW | 3.22        | 20.9        | S         | 11.6          | 11.7          | 11.5 | 760.4 | 0.0  | 0.0          | 15            | 1.29            | 33                  | 0.0 |
| 28/08/07 | 9:00  | 11.7        | 11.8       | 11.7        | 88         | 9.8  | 4.8           | S   | 4.83        | 19.3        | S         | 11.1          | 11.8          | 11.1 | 760.6 | 0.0  | 0.0          | 19            | 1.63            | 37                  | 0.0 |
| 28/08/07 | 10:00 | 12.1        | 12.4       | 11.8        | 84         | 9.5  | 1.6           | SSE | 1.61        | 11.3        | SE        | 12.1          | 12.1          | 12.1 | 760.9 | 0.0  | 0.0          | 45            | 3.87            | 65                  | 0.0 |
| 28/08/07 | 11:00 | 12.8        | 12.9       | 12.4        | 82         | 9.8  | 0.0           | WSW | 0.00        | 4.8         | W         | 12.8          | 12.8          | 12.8 | 761.4 | 0.0  | 0.0          | 39            | 3.35            | 56                  | 0.0 |
| 28/08/07 | 12:00 | 12.9        | 13.0       | 12.8        | 84         | 10.2 | 3.2           | W   | 3.22        | 17.7        | W         | 12.9          | 12.9          | 12.8 | 761.6 | 0.0  | 0.0          | 38            | 3.27            | 65                  | 0.1 |
| 28/08/07 | 13:00 | 13.3        | 13.7       | 13.0        | 81         | 10.1 | 3.2           | SSE | 3.22        | 16.1        | SSW       | 13.3          | 13.3          | 13.1 | 760.2 | 0.0  | 0.0          | 64            | 5.50            | 90                  | 0.3 |
| 28/08/07 | 14:00 | 13.7        | 13.8       | 13.6        | 83         | 10.8 | 1.6           | SSE | 1.61        | 12.9        | SSW       | 13.7          | 13.7          | 13.7 | 759.7 | 0.0  | 0.0          | 49            | 4.21            | 77                  | 0.2 |
| 28/08/07 | 15:00 | 13.9        | 14.1       | 13.7        | 84         | 11.3 | 0.0           | W   | 0.00        | 8.0         | W         | 13.9          | 14.0          | 14.0 | 759.6 | 0.0  | 0.0          | 37            | 3.18            | 70                  | 0.1 |
| 28/08/07 | 16:00 | 13.9        | 14.2       | 13.6        | 85         | 11.4 | 4.8           | S   | 4.83        | 17.7        | S         | 13.6          | 13.9          | 13.4 | 758.9 | 0.0  | 0.0          | 27            | 2.32            | 70                  | 0.0 |
| 28/08/07 | 17:00 | 13.3        | 13.6       | 13.1        | 93         | 12.2 | 4.8           | SE  | 4.83        | 19.3        | SE        | 12.9          | 13.3          | 12.8 | 759.3 | 1.4  | 19.0         | 15            | 1.29            | 32                  | 0.0 |
| 28/08/07 | 18:00 | 13.1        | 13.2       | 12.9        | 94         | 12.1 | 1.6           | WSW | 1.61        | 11.3        | S         | 13.1          | 13.2          | 13.2 | 759.6 | 0.2  | 2.4          | 14            | 1.20            | 25                  | 0.0 |
| 28/08/07 | 19:00 | 13.0        | 13.0       | 12.9        | 93         | 11.9 | 4.8           | S   | 4.83        | 16.1        | S         | 12.6          | 13.1          | 12.5 | 759.1 | 0.4  | 0.0          | 2             | 0.17            | 9                   | 0.0 |
| 28/08/07 | 20:00 | 13.1        | 13.2       | 13.0        | 94         | 12.1 | 3.2           | S   | 3.22        | 12.9        | S         | 13.1          | 13.2          | 13.0 | 760.6 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 28/08/07 | 21:00 | 12.9        | 13.3       | 12.3        | 95         | 12.1 | 4.8           | SSW | 4.83        | 22.5        | S         | 12.4          | 13.0          | 12.4 | 760.6 | 1.2  | 3.8          | 0             | 0.00            | 0                   | 0.0 |
| 28/08/07 | 22:00 | 12.3        | 12.4       | 12.2        | 94         | 11.4 | 4.8           | S   | 4.83        | 19.3        | S         | 11.8          | 12.4          | 11.8 | 761.0 | 0.2  | 1.2          | 0             | 0.00            | 0                   | 0.0 |
| 28/08/07 | 23:00 | 12.3        | 12.5       | 12.3        | 94         | 11.4 | 9.7           | S   | 9.66        | 22.5        | S         | 10.7          | 12.4          | 10.6 | 761.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 29/08/07 | 00:00 | 12.6        | 12.8       | 12.5        | 93         | 11.5 | 9.7           | S   | 9.66        | 20.9        | S         | 11.1          | 12.7          | 10.9 | 761.2 | 0.2  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 29/08/07 | 1:00  | 12.7        | 12.8       | 12.7        | 96         | 12.1 | 4.8           | S   | 4.83        | 20.9        | S         | 12.3          | 12.8          | 12.2 | 761.0 | 0.8  | 2.6          | 0             | 0.00            | 0                   | 0.0 |
| 29/08/07 | 2:00  | 12.7        | 12.8       | 12.6        | 96         | 12.0 | 1.6           | S   | 1.61        | 16.1        | S         | 12.7          | 12.8          | 12.8 | 761.1 | 1.2  | 6.0          | 0             | 0.00            | 0                   | 0.0 |
| 29/08/07 | 3:00  | 12.8        | 13.0       | 12.6        | 96         | 12.2 | 3.2           | SSE | 3.22        | 17.7        | S         | 12.8          | 12.9          | 12.7 | 760.8 | 1.2  | 4.8          | 0             | 0.00            | 0                   | 0.0 |
| 29/08/07 | 4:00  | 13.1        | 13.2       | 13.0        | 94         | 12.2 | 1.6           | S   | 1.61        | 17.7        | S         | 13.1          | 13.2          | 13.2 | 760.0 | 1.0  | 3.0          | 0             | 0.00            | 0                   | 0.0 |
| 29/08/07 | 5:00  | 13.2        | 13.3       | 13.2        | 97         | 12.8 | 6.4           | S   | 6.44        | 17.7        | S         | 12.4          | 13.3          | 12.4 | 760.3 | 1.2  | 2.6          | 0             | 0.00            | 0                   | 0.0 |
| 29/08/07 | 6:00  | 13.6        | 13.7       | 13.3        | 95         | 12.8 | 11.3          | S   | 11.27       | 20.9        | S         | 12.0          | 13.6          | 11.6 | 760.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 29/08/07 | 7:00  | 13.9        | 14.0       | 13.7        | 94         | 12.9 | 11.3          | S   | 11.27       | 19.3        | S         | 12.4          | 13.9          | 11.9 | 760.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 29/08/07 | 8:00  | 14.3        | 14.7       | 14.0        | 93         | 13.2 | 9.7           | SSE | 9.66        | 19.3        | SE        | 13.2          | 14.4          | 12.7 | 761.0 | 0.0  | 0.0          | 15            | 1.29            | 99                  | 0.0 |
| 29/08/07 | 9:00  | 15.1        | 15.3       | 14.8        | 94         | 14.2 | 11.3          | SSE | 11.27       | 19.3        | SE        | 13.9          | 15.2          | 13.3 | 761.8 | 0.0  | 0.0          | 66            | 5.68            | 111                 | 0.2 |
| 29/08/07 | 10:00 | 15.4        | 15.8       | 15.1        | 91         | 13.9 | 8.0           | S   | 8.05        | 17.7        | S         | 14.8          | 15.6          | 14.4 | 762.3 | 0.0  | 0.0          | 79            | 6.79            | 160                 | 0.4 |
| 29/08/07 | 11:00 | 16.9        | 18.2       | 15.8        | 86         | 14.5 | 6.4           | SSE | 6.44        | 17.7        | S         | 16.8          | 17.3          | 16.8 | 762.3 | 0.0  | 0.0          | 245           | 21.07           | 345                 | 1.6 |
| 29/08/07 | 12:00 | 18.3        | 18.9       | 17.9        | 84         | 15.5 | 0.0           | N   | 0.00        | 8.0         | N         | 18.3          | 19.0          | 19.0 | 761.8 | 0.0  | 0.0          | 251           | 21.59           | 389                 | 1.9 |
| 29/08/07 | 13:00 | 20.2        | 21.0       | 18.9        | 77         | 16.0 | 3.2           | NW  | 3.22        | 12.9        | NNW       | 20.2          | 20.9          | 20.9 | 761.2 | 0.0  | 0.0          | 451           | 38.79           | 899                 | 3.6 |
| 29/08/07 | 14:00 | 21.6        | 22.1       | 21.0        | 75         | 16.9 | 4.8           | S   | 4.83        | 19.3        | S         | 21.6          | 22.1          | 22.1 | 760.1 | 0.0  | 0.0          | 332           | 28.56           | 586                 | 2.6 |
| 29/08/07 | 15:00 | 21.7        | 21.9       | 21.4        | 73         | 16.6 | 9.7           | S   | 9.66        | 20.9        | SSW       | 21.7          | 21.9          | 20.9 | 759.5 | 0.0  | 0.0          | 295           | 25.37           | 403                 | 2.0 |
| 29/08/07 | 16:00 | 21.5        | 21.9       | 21.3        | 73         | 16.5 | 11.3          | S   | 11.27       | 20.9        | S         | 21.5          | 21.8          | 20.4 | 759.4 | 0.0  | 0.0          | 211           | 18.15           | 466                 | 1.2 |
| 29/08/07 | 17:00 | 21.6        | 22.2       | 21.3        | 71         | 16.1 | 11.3          | S   | 11.27       | 22.5        | S         | 21.6          | 21.7          | 20.3 | 759.7 | 0.0  | 0.0          | 153           | 13.16           | 413                 | 0.6 |
| 29/08/07 | 18:00 | 21.2        | 21.3       | 21.0        | 76         | 16.8 | 9.7           | S   | 9.66        | 19.3        | S         | 21.2          | 21.8          | 20.8 | 760.0 | 0.0  | 0.0          | 64            | 5.50            | 127                 | 0.0 |
| 29/08/07 | 19:00 | 20.6        | 21.0       | 20.2        | 82         | 17.4 | 0.0           | --- | 0.00        | 0.0         | ---       | 20.6          | 21.6          | 21.6 | 760.4 | 0.0  | 0.0          | 4             | 0.34            | 25                  | 0.0 |
| 29/08/07 | 20:00 | 19.8        | 20.2       | 19.1        | 88         | 17.7 | 1.6           | S   | 1.61        | 9.7         | S         | 19.8          | 20.8          | 20.8 | 760.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 29/08/07 | 21:00 | 19.2        | 19.4       | 19.1        | 88         | 17.2 | 1.6           | S   | 1.61        | 8.0         | S         | 19.2          | 20.1          | 20.1 | 760.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 29/08/07 | 22:00 | 18.9        | 19.1       | 18.6        | 85         | 16.3 | 1.6           | SSW | 1.61        | 9.7         | SSW       | 18.9          | 19.7          | 19.7 | 761.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 29/08/07 | 23:00 | 18.4        | 19.1       | 18.1        | 90         | 16.8 | 9.7           | SSE | 9.66        | 22.5        | SSE       | 18.3          | 19.2          | 17.9 | 760.5 | 0.4  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 30/08/07 | 00:00 | 18.3        | 18.4       | 18.1        | 88         | 16.3 | 11.3          | SSE | 11.27       | 20.9        | SSE       | 17.9          | 18.9          | 17.3 | 761.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 30/08/07 | 1:00  | 18.2        | 18.3       | 18.1        | 90         | 16.6 | 11.3          | SSE | 11.27       | 20.9        | SE        | 17.9          | 18.9          | 17.2 | 760.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 30/08/07 | 2:00  | 17.8        | 18.1       | 17.7        | 91         | 16.3 | 11.3          | SSE | 11.27       | 20.9        | SE        | 17.4          | 18.4          | 16.7 | 760.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 30/08/07 | 3:00  | 17.4        | 17.7       | 17.0        | 90         | 15.8 | 6.4           | S   | 6.44        | 22.5        | S         | 17.4          | 17.9          | 17.5 | 760.2 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 30/08/07 | 4:00  | 16.8        | 17.0       | 16.4        | 89         | 15.0 | 6.4           | SE  | 6.44        | 19.3        | S         | 16.7          | 17.2          | 16.7 | 760.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 30/08/07 | 5:00  | 16.3        | 16.4       | 16.1        | 92         | 15.0 | 3.2           | SE  | 3.22        | 9.7         | SSE       | 16.3          | 16.6          | 16.5 | 760.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 30/08/07 | 6:00  | 15.7        | 16.1       | 15.6        | 93         | 14.6 | 1.6           | SE  | 1.61        | 8.0         | SE        | 15.7          | 15.9          | 15.9 | 760.4 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 30/08/07 | 7:00  | 15.8        | 15.8       | 15.7        | 94         | 14.8 | 0.0           | SE  | 0.00        | 8.0         | SE        | 15.8          | 15.9          | 15.9 | 761.1 | 0.0  | 0.0          | 2             | 0.17            | 11                  | 0.0 |
| 30/08/07 | 8:00  | 16.1        | 16.7       | 15.7        | 91         | 14.6 | 3.2           | SSE | 3.22        | 16.1        | SE        | 16.1          | 16.3          | 16.3 | 761.3 | 0.0  | 0.0          | 45            | 3.87            | 120                 | 0.0 |
| 30/08/07 | 9:00  | 17.1        | 17.9       | 16.7        | 84         | 14.3 | 8.0           | SE  | 8.05        | 19.3        | SE        | 16.8          | 17.5          | 16.5 | 761.9 | 0.2  | 0.0          | 147           | 12.64           | 345                 | 0.6 |
| 30/08/07 | 10:00 | 18.6        | 19.7       | 17.8        | 79         | 14.8 | 9.7           | SE  | 9.66        | 20.9        | SE        | 18.4          | 19.2          | 17.9 | 762.2 | 0.0  | 0.0          | 284           | 24.43           | 632                 | 1.3 |
| 30/08/07 | 11:00 | 20.4        | 21.2       | 19.6        | 68         | 14.3 | 9.7           | E   | 9.66        | 22.5        | ESE       | 20.4          | 20.4          | 19.3 | 762.3 | 0.0  | 0.0          | 431           | 37.07           | 653                 | 2.3 |
| 30/08/07 | 12:00 | 21.8        | 22.9       | 21.1        | 63         | 14.4 | 8.0           | E   | 8.05        | 22.5        | ESE       | 21.8          | 21.8          | 21.2 | 761.7 | 0.0  | 0.0          | 464           | 39.91           | 706                 | 3.2 |
| 30/08/07 | 13:00 | 23.7        | 24.2       | 22.9        | 61         | 15.7 | 8.0           | E   | 8.05        | 22.5        | E         | 23.7          | 23.8          | 23.3 | 761.0 | 0.0  | 0.0          | 590           | 50.75           | 741                 | 3.8 |
| 30/08/07 | 14:00 | 24.7        | 25.7       | 23.8        | 57         | 15.6 | 8.0           | E   | 8.05        | 24.1        | ENE       | 24.7          | 24.7          | 24.2 | 759.8 | 0.0  | 0.0          | 422           | 36.30           | 765                 | 3.0 |
| 30/08/07 | 15:00 | 25.8        | 26.3       | 25.4        | 56         | 16.3 | 6.4           | N   | 6.44        | 25.7        | ENE       | 25.8          | 26.2          | 26.2 | 759.4 | 0.0  | 0.0          | 557           | 47.91           | 604                 | 2.8 |
| 30/08/07 | 16:00 | 26.0        | 26.4       | 25.4        | 56         | 16.5 | 3.2           | N   | 3.22        | 12.9        | N         | 26.0          | 26.6          | 26.6 | 758.7 | 0.0  | 0.0          | 359           | 30.88           | 410                 | 1.6 |
| 30/08/07 | 17:00 | 26.6        | 26.8       | 26.3        | 56         | 17.1 | 8.0           | E   | 8.05        | 19.3        | E         | 26.6          | 27.2          | 26.8 | 758.8 | 0.0  | 0.0          | 241           | 20.73           | 329                 | 0.7 |
| 30/08/07 | 18:00 | 25.6        | 26.3       | 24.4        | 64         | 18.2 | 6.4           | SE  | 6.44        | 19.3        | SE        | 25.6          | 26.3          | 26.3 | 758.7 | 0.0  | 0.0          | 85            | 7.31            | 155                 | 0.1 |
| 30/08/07 | 19:00 | 22.6        | 24.4       | 21.4        | 75         | 18.0 | 4.8           | SE  | 4.83        | 8.0         | SE        | 22.6          | 23.4          | 23.4 | 759.0 | 0.0  | 0.0          | 6             | 0.52            | 26                  | 0.0 |
| 30/08/07 | 20:00 | 20.6        | 21.4       | 20.2        | 82         | 17.4 | 6.4           | SSE | 6.44        | 11.3        | S         | 20.6          | 21.6          | 21.5 | 759.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 30/08/07 | 21:00 | 20.4        | 20.6       | 20.2        | 83         | 17.4 | 9.7           | SSE | 9.66        | 19.3        | SSE       | 20.4          | 21.4          | 20.3 | 759.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 30/08/07 | 22:00 | 20.2        | 20.6       | 19.7        | 85         | 17.6 | 11.3          | SSE | 11.27       | 19.3        | SE        | 20.2          | 21.2          | 19.7 | 759.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 30/08/07 | 23:00 | 20.1        | 20.5       | 19.5        | 78         | 16.2 | 8.0           | SE  | 8.05        | 12.9        | SE        | 20.1          | 20.9          | 20.2 | 759.7 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 31/08/07 | 00:00 | 20.2        | 20.4       | 19.8        | 79         | 16.5 | 4.8           | ESE | 4.83        | 12.9        | SE        | 20.2          | 21.1          | 21.1 | 759.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date     | Time  | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew  | Wind<br>Speed | Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW  | Bar   | Rain | Rain<br>Rate | Solar<br>Rad. | Solar<br>Energy | Hi<br>Solar<br>Rad. | UV  |
|----------|-------|-------------|------------|-------------|------------|------|---------------|-----|-------------|-------------|-----------|---------------|---------------|------|-------|------|--------------|---------------|-----------------|---------------------|-----|
| 31/08/07 | 1:00  | 19.7        | 19.9       | 19.1        | 80         | 16.1 | 3.2           | E   | 3.22        | 11.3        | ESE       | 19.7          | 20.6          | 20.6 | 759.5 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 31/08/07 | 2:00  | 18.8        | 19.1       | 18.4        | 82         | 15.7 | 1.6           | E   | 1.61        | 8.0         | E         | 18.8          | 19.6          | 19.6 | 759.3 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 31/08/07 | 3:00  | 17.8        | 18.5       | 16.4        | 88         | 15.8 | 4.8           | E   | 4.83        | 8.0         | E         | 17.8          | 18.4          | 18.2 | 759.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 31/08/07 | 4:00  | 16.3        | 16.6       | 15.9        | 91         | 14.8 | 4.8           | E   | 4.83        | 9.7         | E         | 16.3          | 16.6          | 16.3 | 758.8 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 31/08/07 | 5:00  | 16.0        | 16.1       | 15.9        | 91         | 14.5 | 6.4           | E   | 6.44        | 9.7         | E         | 15.8          | 16.3          | 15.7 | 759.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 31/08/07 | 6:00  | 15.7        | 16.1       | 15.5        | 92         | 14.4 | 6.4           | E   | 6.44        | 9.7         | E         | 15.4          | 15.9          | 15.3 | 759.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 31/08/07 | 7:00  | 15.4        | 15.6       | 15.2        | 92         | 14.1 | 4.8           | E   | 4.83        | 8.0         | E         | 15.4          | 15.6          | 15.2 | 759.6 | 0.0  | 0.0          | 3             | 0.26            | 18                  | 0.0 |
| 31/08/07 | 8:00  | 15.8        | 17.2       | 15.2        | 92         | 14.5 | 3.2           | E   | 3.22        | 8.0         | E         | 15.8          | 16.1          | 16.0 | 760.0 | 0.0  | 0.0          | 70            | 6.02            | 143                 | 0.0 |
| 31/08/07 | 9:00  | 19.2        | 20.9       | 17.2        | 76         | 14.8 | 1.6           | ENE | 1.61        | 11.3        | ENE       | 19.2          | 19.7          | 19.7 | 760.3 | 0.0  | 0.0          | 228           | 19.61           | 311                 | 0.6 |
| 31/08/07 | 10:00 | 21.6        | 22.5       | 20.5        | 71         | 16.1 | 4.8           | NNE | 4.83        | 16.1        | NNE       | 21.6          | 21.7          | 21.7 | 760.6 | 0.0  | 0.0          | 396           | 34.06           | 468                 | 1.4 |
| 31/08/07 | 11:00 | 23.3        | 23.8       | 22.5        | 66         | 16.6 | 9.7           | NNE | 9.66        | 19.3        | NNE       | 23.3          | 23.9          | 23.0 | 760.5 | 0.0  | 0.0          | 539           | 46.36           | 604                 | 2.6 |
| 31/08/07 | 12:00 | 24.6        | 25.4       | 23.7        | 60         | 16.3 | 6.4           | NE  | 6.44        | 16.1        | ENE       | 24.6          | 24.6          | 24.6 | 759.9 | 0.0  | 0.0          | 642           | 55.22           | 674                 | 3.7 |
| 31/08/07 | 13:00 | 26.3        | 27.3       | 25.3        | 55         | 16.5 | 4.8           | NE  | 4.83        | 20.9        | E         | 26.3          | 26.8          | 26.8 | 759.3 | 0.0  | 0.0          | 683           | 58.75           | 690                 | 4.1 |
| 31/08/07 | 14:00 | 27.9        | 28.9       | 26.8        | 51         | 16.8 | 1.6           | NE  | 1.61        | 11.3        | NNE       | 27.9          | 28.7          | 28.7 | 758.5 | 0.0  | 0.0          | 662           | 56.94           | 683                 | 3.8 |
| 31/08/07 | 15:00 | 29.3        | 29.7       | 28.6        | 48         | 17.1 | 1.6           | SSE | 1.61        | 11.3        | S         | 29.3          | 30.1          | 30.1 | 757.8 | 0.0  | 0.0          | 578           | 49.71           | 632                 | 2.9 |
| 31/08/07 | 16:00 | 29.8        | 30.1       | 29.6        | 48         | 17.6 | 0.0           | NNW | 0.00        | 9.7         | NNW       | 29.8          | 30.6          | 30.6 | 757.4 | 0.0  | 0.0          | 444           | 38.19           | 514                 | 1.7 |
| 31/08/07 | 17:00 | 29.5        | 30.6       | 28.9        | 55         | 19.5 | 1.6           | WNW | 1.61        | 11.3        | W         | 29.5          | 31.2          | 31.2 | 757.4 | 0.0  | 0.0          | 274           | 23.57           | 366                 | 0.8 |
| 31/08/07 | 18:00 | 28.8        | 29.7       | 26.9        | 60         | 20.2 | 3.2           | SSW | 3.22        | 11.3        | SSW       | 28.8          | 30.6          | 30.6 | 757.3 | 0.0  | 0.0          | 98            | 8.43            | 178                 | 0.2 |
| 31/08/07 | 19:00 | 24.4        | 26.8       | 22.9        | 74         | 19.5 | 4.8           | S   | 4.83        | 11.3        | S         | 24.4          | 25.6          | 25.6 | 757.6 | 0.0  | 0.0          | 7             | 0.60            | 32                  | 0.0 |
| 31/08/07 | 20:00 | 22.8        | 23.2       | 22.4        | 72         | 17.5 | 8.0           | S   | 8.05        | 11.3        | S         | 22.8          | 23.7          | 23.2 | 757.9 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 31/08/07 | 21:00 | 22.4        | 22.8       | 22.2        | 75         | 17.8 | 9.7           | S   | 9.66        | 12.9        | SSE       | 22.4          | 23.2          | 22.2 | 758.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 31/08/07 | 22:00 | 22.3        | 22.6       | 21.9        | 73         | 17.2 | 11.3          | SSE | 11.27       | 19.3        | SSE       | 22.3          | 22.8          | 21.5 | 758.1 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 31/08/07 | 23:00 | 22.1        | 22.4       | 21.9        | 74         | 17.3 | 11.3          | S   | 11.27       | 19.3        | S         | 22.1          | 22.6          | 21.3 | 758.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |
| 1/09/07  | 00:00 | 21.8        | 22.3       | 21.4        | 77         | 17.6 | 11.3          | S   | 11.27       | 16.1        | S         | 21.8          | 22.5          | 21.1 | 758.0 | 0.0  | 0.0          | 0             | 0.00            | 0                   | 0.0 |

| Date    | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 1/08/07 | 1:00  | 0.00       | 0.0      | 0.000       | 0.023       | 20.1       | 61        | 0.00 | 1342         | 1          | 98.1          | 60           |
| 1/08/07 | 2:00  | 0.00       | 0.0      | 0.000       | 0.002       | 19.2       | 62        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 1/08/07 | 3:00  | 0.00       | 0.0      | 0.016       | 0.000       | 18.8       | 63        | 0.00 | 1306         | 1          | 95.5          | 60           |
| 1/08/07 | 4:00  | 0.00       | 0.0      | 0.044       | 0.000       | 17.9       | 63        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 1/08/07 | 5:00  | 0.00       | 0.0      | 0.058       | 0.000       | 17.6       | 63        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 1/08/07 | 6:00  | 0.00       | 0.0      | 0.100       | 0.000       | 16.9       | 63        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 1/08/07 | 7:00  | 0.00       | 0.0      | 0.116       | 0.000       | 16.2       | 64        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 1/08/07 | 8:00  | 0.00       | 0.0      | 0.130       | 0.000       | 16.4       | 64        | 0.03 | 1341         | 1          | 98.0          | 60           |
| 1/08/07 | 9:00  | 0.17       | 0.8      | 0.000       | 0.007       | 20.2       | 57        | 0.13 | 1346         | 1          | 98.4          | 60           |
| 1/08/07 | 10:00 | 0.51       | 1.8      | 0.000       | 0.134       | 26.7       | 47        | 0.25 | 1342         | 1          | 98.1          | 60           |
| 1/08/07 | 11:00 | 0.99       | 2.9      | 0.000       | 0.213       | 30.6       | 45        | 0.36 | 1344         | 1          | 98.2          | 60           |
| 1/08/07 | 12:00 | 1.41       | 3.7      | 0.000       | 0.285       | 33.1       | 45        | 0.46 | 1344         | 1          | 98.2          | 60           |
| 1/08/07 | 13:00 | 1.59       | 3.9      | 0.000       | 0.350       | 34.6       | 46        | 0.48 | 1346         | 1          | 98.4          | 60           |
| 1/08/07 | 14:00 | 1.46       | 3.8      | 0.000       | 0.380       | 34.9       | 47        | 0.46 | 1344         | 1          | 98.2          | 60           |
| 1/08/07 | 15:00 | 1.16       | 3.2      | 0.000       | 0.454       | 35.8       | 48        | 0.46 | 1345         | 1          | 98.3          | 60           |
| 1/08/07 | 16:00 | 0.64       | 2.2      | 0.000       | 0.470       | 36.1       | 50        | 0.30 | 1344         | 1          | 98.2          | 60           |
| 1/08/07 | 17:00 | 0.30       | 1.0      | 0.000       | 0.451       | 34.7       | 49        | 0.23 | 1345         | 1          | 98.3          | 60           |
| 1/08/07 | 18:00 | 0.09       | 0.4      | 0.000       | 0.398       | 34.0       | 53        | 0.13 | 1346         | 1          | 98.4          | 60           |
| 1/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.282       | 28.9       | 58        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 1/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.208       | 25.5       | 60        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 1/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.208       | 24.7       | 60        | 0.05 | 1347         | 1          | 98.5          | 60           |
| 1/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.201       | 24.4       | 60        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 1/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.215       | 24.5       | 59        | 0.05 | 1285         | 1          | 93.9          | 60           |
| 2/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.190       | 24.2       | 59        | 0.03 | 1346         | 1          | 98.4          | 60           |

| Date    | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 2/08/07 | 1:00  | 0.00       | 0.0      | 0.000       | 0.134       | 22.9       | 60        | 0.00 | 1342         | 1          | 98.1          | 60           |
| 2/08/07 | 2:00  | 0.00       | 0.0      | 0.000       | 0.088       | 21.6       | 60        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 2/08/07 | 3:00  | 0.00       | 0.0      | 0.000       | 0.049       | 20.4       | 60        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 2/08/07 | 4:00  | 0.00       | 0.0      | 0.072       | 0.000       | 18.6       | 60        | 0.00 | 1342         | 1          | 98.1          | 60           |
| 2/08/07 | 5:00  | 0.00       | 0.0      | 0.106       | 0.000       | 17.1       | 61        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 2/08/07 | 6:00  | 0.00       | 0.0      | 0.032       | 0.000       | 17.6       | 63        | 0.03 | 1305         | 1          | 95.4          | 60           |
| 2/08/07 | 7:00  | 0.00       | 0.0      | 0.007       | 0.000       | 18.5       | 61        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 2/08/07 | 8:00  | 0.00       | 0.0      | 0.093       | 0.000       | 17.6       | 61        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 2/08/07 | 9:00  | 0.21       | 0.8      | 0.000       | 0.028       | 20.8       | 54        | 0.13 | 1344         | 1          | 98.2          | 60           |
| 2/08/07 | 10:00 | 0.56       | 1.8      | 0.000       | 0.178       | 27.5       | 45        | 0.28 | 1345         | 1          | 98.3          | 60           |
| 2/08/07 | 11:00 | 0.99       | 3.0      | 0.000       | 0.243       | 31.2       | 44        | 0.36 | 1343         | 1          | 98.2          | 60           |
| 2/08/07 | 12:00 | 1.41       | 3.8      | 0.000       | 0.338       | 33.8       | 43        | 0.46 | 1345         | 1          | 98.3          | 60           |
| 2/08/07 | 13:00 | 1.46       | 4.0      | 0.000       | 0.380       | 34.4       | 44        | 0.46 | 1344         | 1          | 98.2          | 60           |
| 2/08/07 | 14:00 | 1.33       | 3.9      | 0.000       | 0.440       | 35.6       | 45        | 0.41 | 1348         | 1          | 98.5          | 60           |
| 2/08/07 | 15:00 | 1.07       | 3.2      | 0.000       | 0.451       | 35.7       | 46        | 0.38 | 1345         | 1          | 98.3          | 60           |
| 2/08/07 | 16:00 | 0.64       | 2.4      | 0.000       | 0.477       | 35.9       | 46        | 0.33 | 1343         | 1          | 98.2          | 60           |
| 2/08/07 | 17:00 | 0.34       | 1.3      | 0.000       | 0.472       | 35.8       | 49        | 0.20 | 1345         | 1          | 98.3          | 60           |
| 2/08/07 | 18:00 | 0.04       | 0.4      | 0.000       | 0.368       | 31.3       | 55        | 0.08 | 1345         | 1          | 98.3          | 60           |
| 2/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.301       | 28.1       | 56        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 2/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.248       | 25.8       | 57        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 2/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.229       | 25.1       | 57        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 2/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.269       | 25.3       | 57        | 0.08 | 1306         | 1          | 95.5          | 60           |
| 2/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.229       | 25.3       | 56        | 0.08 | 1308         | 1          | 95.6          | 60           |
| 3/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.185       | 24.3       | 56        | 0.05 | 1307         | 1          | 95.5          | 60           |

| Date    | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 3/08/07 | 1:00  | 0.00       | 0.0      | 0.000       | 0.137       | 23.0       | 56        | 0.03 | 1343         | 1          | 98.2          | 60           |
| 3/08/07 | 2:00  | 0.00       | 0.0      | 0.000       | 0.074       | 21.1       | 57        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 3/08/07 | 3:00  | 0.00       | 0.0      | 0.000       | 0.079       | 20.4       | 58        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 3/08/07 | 4:00  | 0.00       | 0.0      | 0.000       | 0.051       | 20.0       | 58        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 3/08/07 | 5:00  | 0.00       | 0.0      | 0.021       | 0.000       | 18.7       | 58        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 3/08/07 | 6:00  | 0.00       | 0.0      | 0.076       | 0.000       | 17.6       | 58        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 3/08/07 | 7:00  | 0.00       | 0.0      | 0.160       | 0.000       | 16.3       | 58        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 3/08/07 | 8:00  | 0.00       | 0.0      | 0.169       | 0.000       | 15.6       | 59        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 3/08/07 | 9:00  | 0.17       | 0.8      | 0.000       | 0.014       | 19.6       | 52        | 0.13 | 1343         | 1          | 98.2          | 60           |
| 3/08/07 | 10:00 | 0.56       | 1.8      | 0.000       | 0.201       | 27.6       | 42        | 0.25 | 1346         | 1          | 98.4          | 60           |
| 3/08/07 | 11:00 | 1.03       | 3.0      | 0.000       | 0.227       | 32.0       | 40        | 0.33 | 1344         | 1          | 98.2          | 60           |
| 3/08/07 | 12:00 | 1.46       | 3.7      | 0.000       | 0.294       | 34.0       | 40        | 0.43 | 1347         | 1          | 98.5          | 60           |
| 3/08/07 | 13:00 | 1.67       | 3.9      | 0.000       | 0.340       | 34.7       | 41        | 0.51 | 1344         | 1          | 98.2          | 60           |
| 3/08/07 | 14:00 | 1.59       | 3.9      | 0.000       | 0.380       | 35.3       | 42        | 0.46 | 1346         | 1          | 98.4          | 60           |
| 3/08/07 | 15:00 | 1.20       | 3.3      | 0.000       | 0.410       | 35.6       | 44        | 0.41 | 1306         | 1          | 95.5          | 60           |
| 3/08/07 | 16:00 | 0.73       | 2.2      | 0.000       | 0.440       | 35.9       | 45        | 0.33 | 1347         | 1          | 98.5          | 60           |
| 3/08/07 | 17:00 | 0.34       | 1.3      | 0.000       | 0.440       | 35.5       | 45        | 0.23 | 1342         | 1          | 98.1          | 60           |
| 3/08/07 | 18:00 | 0.09       | 0.5      | 0.000       | 0.396       | 34.0       | 47        | 0.08 | 1346         | 1          | 98.4          | 60           |
| 3/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.201       | 27.7       | 53        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 3/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.097       | 23.7       | 55        | 0.05 | 1309         | 1          | 95.7          | 60           |
| 3/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.042       | 21.8       | 55        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 3/08/07 | 22:00 | 0.00       | 0.0      | 0.012       | 0.000       | 20.1       | 55        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 3/08/07 | 23:00 | 0.00       | 0.0      | 0.046       | 0.000       | 19.1       | 55        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 4/08/07 | 00:00 | 0.00       | 0.0      | 0.111       | 0.000       | 17.9       | 55        | 0.00 | 1345         | 1          | 98.3          | 60           |

| Date    | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 4/08/07 | 1:00  | 0.00       | 0.0      | 0.153       | 0.000       | 16.3       | 56        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 4/08/07 | 2:00  | 0.00       | 0.0      | 0.141       | 0.000       | 16.3       | 57        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 4/08/07 | 3:00  | 0.00       | 0.0      | 0.130       | 0.000       | 17.1       | 57        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 4/08/07 | 4:00  | 0.00       | 0.0      | 0.141       | 0.000       | 17.1       | 57        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 4/08/07 | 5:00  | 0.00       | 0.0      | 0.157       | 0.000       | 16.8       | 57        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 4/08/07 | 6:00  | 0.00       | 0.0      | 0.176       | 0.000       | 16.3       | 57        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 4/08/07 | 7:00  | 0.00       | 0.0      | 0.190       | 0.000       | 15.9       | 58        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 4/08/07 | 8:00  | 0.00       | 0.0      | 0.187       | 0.000       | 15.7       | 58        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 4/08/07 | 9:00  | 0.00       | 0.0      | 0.176       | 0.000       | 15.9       | 58        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 4/08/07 | 10:00 | 0.13       | 0.5      | 0.169       | 0.000       | 16.4       | 58        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 4/08/07 | 11:00 | 0.30       | 1.0      | 0.157       | 0.000       | 17.2       | 56        | 0.08 | 1342         | 1          | 98.1          | 60           |
| 4/08/07 | 12:00 | 0.60       | 1.7      | 0.123       | 0.000       | 19.1       | 51        | 0.13 | 1284         | 1          | 93.9          | 60           |
| 4/08/07 | 13:00 | 0.90       | 2.9      | 0.074       | 0.000       | 22.3       | 46        | 0.18 | 1344         | 1          | 98.2          | 60           |
| 4/08/07 | 14:00 | 0.73       | 2.2      | 0.074       | 0.000       | 23.1       | 47        | 0.15 | 1345         | 1          | 98.3          | 60           |
| 4/08/07 | 15:00 | 0.56       | 1.8      | 0.081       | 0.000       | 22.4       | 49        | 0.13 | 1344         | 1          | 98.2          | 60           |
| 4/08/07 | 16:00 | 0.26       | 0.9      | 0.113       | 0.000       | 20.3       | 53        | 0.08 | 1347         | 1          | 98.5          | 60           |
| 4/08/07 | 17:00 | 0.09       | 0.4      | 0.141       | 0.000       | 18.4       | 57        | 0.05 | 1346         | 1          | 98.4          | 60           |
| 4/08/07 | 18:00 | 0.00       | 0.0      | 0.162       | 0.000       | 16.9       | 58        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 4/08/07 | 19:00 | 0.00       | 0.0      | 0.162       | 0.000       | 16.3       | 58        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 4/08/07 | 20:00 | 0.00       | 0.0      | 0.174       | 0.000       | 16.1       | 59        | 0.03 | 1307         | 1          | 95.5          | 60           |
| 4/08/07 | 21:00 | 0.00       | 0.0      | 0.190       | 0.000       | 15.7       | 59        | 0.03 | 1307         | 1          | 95.5          | 60           |
| 4/08/07 | 22:00 | 0.00       | 0.0      | 0.208       | 0.000       | 15.2       | 59        | 0.03 | 1343         | 1          | 98.2          | 60           |
| 4/08/07 | 23:00 | 0.00       | 0.0      | 0.215       | 0.000       | 14.9       | 59        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 5/08/07 | 00:00 | 0.00       | 0.0      | 0.218       | 0.000       | 14.8       | 60        | 0.00 | 1346         | 1          | 98.4          | 60           |

| Date    | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 5/08/07 | 1:00  | 0.00       | 0.0      | 0.231       | 0.000       | 14.5       | 60        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 5/08/07 | 2:00  | 0.00       | 0.0      | 0.243       | 0.000       | 14.2       | 60        | 0.00 | 1307         | 1          | 95.5          | 60           |
| 5/08/07 | 3:00  | 0.00       | 0.0      | 0.252       | 0.000       | 13.9       | 60        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 5/08/07 | 4:00  | 0.00       | 0.0      | 0.255       | 0.000       | 13.8       | 60        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 5/08/07 | 5:00  | 0.00       | 0.0      | 0.264       | 0.000       | 13.6       | 60        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 5/08/07 | 6:00  | 0.00       | 0.0      | 0.259       | 0.000       | 13.6       | 60        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 5/08/07 | 7:00  | 0.00       | 0.0      | 0.266       | 0.000       | 13.5       | 60        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 5/08/07 | 8:00  | 0.00       | 0.0      | 0.273       | 0.000       | 13.3       | 61        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 5/08/07 | 9:00  | 0.00       | 0.3      | 0.266       | 0.000       | 13.5       | 61        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 5/08/07 | 10:00 | 0.21       | 0.8      | 0.243       | 0.000       | 14.4       | 58        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 5/08/07 | 11:00 | 0.47       | 1.9      | 0.199       | 0.000       | 16.7       | 52        | 0.10 | 1345         | 1          | 98.3          | 60           |
| 5/08/07 | 12:00 | 1.54       | 4.0      | 0.097       | 0.000       | 23.7       | 37        | 0.36 | 1344         | 1          | 98.2          | 60           |
| 5/08/07 | 13:00 | 1.80       | 4.4      | 0.014       | 0.000       | 27.7       | 38        | 0.38 | 1346         | 1          | 98.4          | 60           |
| 5/08/07 | 14:00 | 1.63       | 4.2      | 0.000       | 0.058       | 29.2       | 39        | 0.38 | 1344         | 1          | 98.2          | 60           |
| 5/08/07 | 15:00 | 1.11       | 3.2      | 0.000       | 0.106       | 29.9       | 41        | 0.30 | 1343         | 1          | 98.2          | 60           |
| 5/08/07 | 16:00 | 0.64       | 1.9      | 0.000       | 0.146       | 29.7       | 43        | 0.20 | 1346         | 1          | 98.4          | 60           |
| 5/08/07 | 17:00 | 0.30       | 1.0      | 0.000       | 0.171       | 29.2       | 46        | 0.13 | 1271         | 1          | 92.9          | 60           |
| 5/08/07 | 18:00 | 0.04       | 0.4      | 0.000       | 0.127       | 25.9       | 52        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 5/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.023       | 22.0       | 54        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 5/08/07 | 20:00 | 0.00       | 0.0      | 0.083       | 0.000       | 19.1       | 55        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 5/08/07 | 21:00 | 0.00       | 0.0      | 0.104       | 0.000       | 17.4       | 56        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 5/08/07 | 22:00 | 0.00       | 0.0      | 0.076       | 0.000       | 17.3       | 57        | 0.03 | 1348         | 1          | 98.5          | 60           |
| 5/08/07 | 23:00 | 0.00       | 0.0      | 0.023       | 0.000       | 18.1       | 57        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 6/08/07 | 00:00 | 0.00       | 0.0      | 0.002       | 0.000       | 18.4       | 57        | 0.03 | 1346         | 1          | 98.4          | 60           |

| Date    | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 6/08/07 | 1:00  | 0.00       | 0.0      | 0.005       | 0.000       | 18.8       | 57        | 0.03 | 1342         | 1          | 98.1          | 60           |
| 6/08/07 | 2:00  | 0.00       | 0.0      | 0.019       | 0.000       | 18.8       | 58        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 6/08/07 | 3:00  | 0.00       | 0.0      | 0.000       | 0.000       | 19.0       | 58        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 6/08/07 | 4:00  | 0.00       | 0.0      | 0.009       | 0.000       | 19.2       | 58        | 0.03 | 1347         | 1          | 98.5          | 60           |
| 6/08/07 | 5:00  | 0.00       | 0.0      | 0.058       | 0.000       | 18.3       | 58        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 6/08/07 | 6:00  | 0.00       | 0.0      | 0.074       | 0.000       | 17.4       | 59        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 6/08/07 | 7:00  | 0.00       | 0.0      | 0.088       | 0.000       | 17.2       | 59        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 6/08/07 | 8:00  | 0.00       | 0.0      | 0.111       | 0.000       | 16.8       | 60        | 0.03 | 1347         | 1          | 98.5          | 60           |
| 6/08/07 | 9:00  | 0.21       | 0.8      | 0.021       | 0.000       | 19.7       | 53        | 0.13 | 1346         | 1          | 98.4          | 60           |
| 6/08/07 | 10:00 | 0.56       | 1.9      | 0.000       | 0.079       | 25.0       | 43        | 0.28 | 1342         | 1          | 98.1          | 60           |
| 6/08/07 | 11:00 | 1.03       | 3.0      | 0.000       | 0.137       | 29.2       | 39        | 0.36 | 1347         | 1          | 98.5          | 60           |
| 6/08/07 | 12:00 | 1.46       | 3.9      | 0.000       | 0.190       | 31.1       | 40        | 0.41 | 1344         | 1          | 98.2          | 60           |
| 6/08/07 | 13:00 | 1.71       | 4.1      | 0.000       | 0.248       | 32.4       | 40        | 0.48 | 1344         | 1          | 98.2          | 60           |
| 6/08/07 | 14:00 | 1.59       | 4.0      | 0.000       | 0.315       | 33.6       | 41        | 0.46 | 1345         | 1          | 98.3          | 60           |
| 6/08/07 | 15:00 | 1.20       | 3.4      | 0.000       | 0.359       | 34.6       | 42        | 0.43 | 1344         | 1          | 98.2          | 60           |
| 6/08/07 | 16:00 | 0.73       | 2.2      | 0.000       | 0.389       | 34.6       | 27        | 0.36 | 1343         | 1          | 98.2          | 60           |
| 6/08/07 | 17:00 | 0.30       | 1.2      | 0.000       | 0.384       | 33.9       | 35        | 0.25 | 1347         | 1          | 98.5          | 60           |
| 6/08/07 | 18:00 | 0.04       | 0.4      | 0.000       | 0.354       | 32.4       | 40        | 0.13 | 1346         | 1          | 98.4          | 60           |
| 6/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.262       | 27.9       | 45        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 6/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.227       | 25.6       | 47        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 6/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.227       | 25.1       | 48        | 0.05 | 1346         | 1          | 98.4          | 60           |
| 6/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.222       | 24.9       | 48        | 0.03 | 1342         | 1          | 98.1          | 60           |
| 6/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.113       | 23.2       | 48        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 7/08/07 | 00:00 | 0.00       | 0.0      | 0.019       | 0.000       | 20.6       | 49        | 0.03 | 1346         | 1          | 98.4          | 60           |

| Date    | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 7/08/07 | 1:00  | 0.00       | 0.0      | 0.007       | 0.000       | 19.3       | 50        | 0.00 | 1342         | 1          | 98.1          | 60           |
| 7/08/07 | 2:00  | 0.00       | 0.0      | 0.081       | 0.000       | 18.8       | 50        | 0.03 | 1305         | 1          | 95.4          | 60           |
| 7/08/07 | 3:00  | 0.00       | 0.0      | 0.007       | 0.000       | 18.4       | 52        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 7/08/07 | 4:00  | 0.00       | 0.0      | 0.000       | 0.046       | 20.2       | 50        | 0.03 | 1342         | 1          | 98.1          | 60           |
| 7/08/07 | 5:00  | 0.00       | 0.0      | 0.083       | 0.000       | 18.7       | 50        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 7/08/07 | 6:00  | 0.00       | 0.0      | 0.157       | 0.000       | 16.7       | 51        | 0.00 | 1282         | 1          | 93.7          | 60           |
| 7/08/07 | 7:00  | 0.00       | 0.0      | 0.190       | 0.000       | 15.8       | 52        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 7/08/07 | 8:00  | 0.00       | 0.0      | 0.206       | 0.000       | 15.3       | 52        | 0.03 | 1285         | 1          | 93.9          | 60           |
| 7/08/07 | 9:00  | 0.17       | 0.8      | 0.153       | 0.000       | 17.2       | 46        | 0.10 | 1344         | 1          | 98.2          | 60           |
| 7/08/07 | 10:00 | 0.56       | 1.8      | 0.039       | 0.000       | 23.1       | 37        | 0.25 | 1345         | 1          | 98.3          | 60           |
| 7/08/07 | 11:00 | 1.03       | 3.0      | 0.000       | 0.095       | 28.2       | 35        | 0.36 | 1342         | 1          | 98.1          | 60           |
| 7/08/07 | 12:00 | 1.50       | 3.8      | 0.000       | 0.169       | 31.1       | 35        | 0.46 | 1347         | 1          | 98.5          | 60           |
| 7/08/07 | 13:00 | 1.67       | 4.0      | 0.000       | 0.208       | 32.1       | 36        | 0.48 | 1344         | 1          | 98.2          | 60           |
| 7/08/07 | 14:00 | 1.54       | 3.9      | 0.000       | 0.252       | 32.6       | 37        | 0.46 | 1346         | 1          | 98.4          | 60           |
| 7/08/07 | 15:00 | 1.16       | 3.2      | 0.000       | 0.275       | 32.9       | 37        | 0.41 | 1344         | 1          | 98.2          | 60           |
| 7/08/07 | 16:00 | 0.69       | 2.2      | 0.000       | 0.271       | 32.7       | 38        | 0.33 | 1344         | 1          | 98.2          | 60           |
| 7/08/07 | 17:00 | 0.30       | 1.1      | 0.000       | 0.257       | 31.9       | 38        | 0.23 | 1345         | 1          | 98.3          | 60           |
| 7/08/07 | 18:00 | 0.04       | 0.4      | 0.000       | 0.192       | 29.7       | 42        | 0.13 | 1346         | 1          | 98.4          | 60           |
| 7/08/07 | 19:00 | 0.00       | 0.0      | 0.025       | 0.000       | 23.1       | 46        | 0.05 | 1342         | 1          | 98.1          | 60           |
| 7/08/07 | 20:00 | 0.00       | 0.0      | 0.176       | 0.000       | 17.8       | 48        | 0.03 | 1343         | 1          | 98.2          | 60           |
| 7/08/07 | 21:00 | 0.00       | 0.0      | 0.208       | 0.000       | 15.5       | 49        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 7/08/07 | 22:00 | 0.00       | 0.0      | 0.236       | 0.000       | 14.6       | 49        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 7/08/07 | 23:00 | 0.00       | 0.0      | 0.245       | 0.000       | 13.9       | 49        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 8/08/07 | 00:00 | 0.00       | 0.0      | 0.301       | 0.000       | 13.2       | 49        | 0.03 | 1345         | 1          | 98.3          | 60           |

| Date    | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|---------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 8/08/07 | 1:00  | 0.00       | 0.0      | 0.292       | 0.000       | 12.7       | 49        | 0.03 | 1341         | 1          | 98.0          | 60           |
| 8/08/07 | 2:00  | 0.00       | 0.0      | 0.301       | 0.000       | 12.6       | 49        | 0.00 | 1347         | 1          | 98.5          | 60           |
| 8/08/07 | 3:00  | 0.00       | 0.0      | 0.336       | 0.000       | 12.0       | 49        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 8/08/07 | 4:00  | 0.00       | 0.0      | 0.363       | 0.000       | 11.2       | 50        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 8/08/07 | 5:00  | 0.00       | 0.0      | 0.350       | 0.000       | 11.1       | 51        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 8/08/07 | 6:00  | 0.00       | 0.0      | 0.380       | 0.000       | 10.7       | 51        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 8/08/07 | 7:00  | 0.00       | 0.0      | 0.366       | 0.000       | 10.6       | 52        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 8/08/07 | 8:00  | 0.00       | 0.0      | 0.333       | 0.000       | 11.3       | 51        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 8/08/07 | 9:00  | 0.17       | 0.8      | 0.155       | 0.000       | 16.0       | 45        | 0.10 | 1344         | 1          | 98.2          | 60           |
| 8/08/07 | 10:00 | 0.56       | 1.8      | 0.030       | 0.000       | 23.3       | 36        | 0.20 | 1307         | 1          | 95.5          | 60           |
| 8/08/07 | 11:00 | 0.99       | 2.9      | 0.000       | 0.100       | 28.7       | 34        | 0.30 | 1344         | 1          | 98.2          | 60           |
| 8/08/07 | 12:00 | 1.41       | 3.7      | 0.000       | 0.245       | 32.1       | 35        | 0.43 | 1346         | 1          | 98.4          | 60           |
| 8/08/07 | 13:00 | 1.59       | 3.9      | 0.000       | 0.310       | 33.9       | 36        | 0.46 | 1345         | 1          | 98.3          | 60           |
| 8/08/07 | 14:00 | 1.50       | 3.9      | 0.000       | 0.394       | 35.1       | 37        | 0.46 | 1344         | 1          | 98.2          | 60           |
| 8/08/07 | 15:00 | 1.11       | 2.9      | 0.000       | 0.451       | 35.9       | 38        | 0.43 | 1347         | 1          | 98.5          | 60           |
| 8/08/07 | 16:00 | 0.64       | 2.1      | 0.000       | 0.481       | 36.2       | 39        | 0.33 | 1343         | 1          | 98.2          | 60           |
| 8/08/07 | 17:00 | 0.34       | 1.1      | 0.000       | 0.512       | 36.3       | 39        | 0.28 | 1346         | 1          | 98.4          | 60           |
| 8/08/07 | 18:00 | 0.09       | 0.4      | 0.000       | 0.458       | 34.9       | 43        | 0.13 | 1344         | 1          | 98.2          | 60           |
| 8/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.329       | 29.7       | 48        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 8/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.299       | 26.9       | 49        | 0.08 | 1345         | 1          | 98.3          | 60           |
| 8/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.266       | 26.3       | 48        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 8/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.227       | 25.1       | 49        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 8/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.245       | 24.9       | 49        | 0.08 | 1345         | 1          | 98.3          | 60           |
| 9/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.266       | 25.4       | 49        | 0.08 | 1346         | 1          | 98.4          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 9/08/07  | 1:00  | 0.00       | 0.0      | 0.000       | 0.241       | 25.2       | 49        | 0.08 | 1340         | 1          | 98.0          | 60           |
| 9/08/07  | 2:00  | 0.00       | 0.0      | 0.000       | 0.234       | 24.8       | 49        | 0.08 | 1348         | 1          | 98.5          | 60           |
| 9/08/07  | 3:00  | 0.00       | 0.0      | 0.000       | 0.208       | 24.6       | 49        | 0.08 | 1346         | 1          | 98.4          | 60           |
| 9/08/07  | 4:00  | 0.00       | 0.0      | 0.000       | 0.146       | 23.3       | 50        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 9/08/07  | 5:00  | 0.00       | 0.0      | 0.000       | 0.102       | 22.2       | 50        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 9/08/07  | 6:00  | 0.00       | 0.0      | 0.000       | 0.067       | 20.8       | 50        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 9/08/07  | 7:00  | 0.00       | 0.0      | 0.000       | 0.035       | 19.8       | 51        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 9/08/07  | 8:00  | 0.00       | 0.0      | 0.012       | 0.000       | 18.8       | 50        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 9/08/07  | 9:00  | 0.21       | 0.9      | 0.000       | 0.139       | 22.1       | 45        | 0.15 | 1346         | 1          | 98.4          | 60           |
| 9/08/07  | 10:00 | 0.51       | 1.7      | 0.000       | 0.215       | 28.3       | 38        | 0.25 | 1344         | 1          | 98.2          | 60           |
| 9/08/07  | 11:00 | 0.99       | 2.9      | 0.000       | 0.262       | 31.6       | 36        | 0.41 | 1344         | 1          | 98.2          | 60           |
| 9/08/07  | 12:00 | 1.20       | 3.3      | 0.000       | 0.303       | 32.9       | 36        | 0.38 | 1345         | 1          | 98.3          | 60           |
| 9/08/07  | 13:00 | 1.41       | 3.6      | 0.000       | 0.394       | 34.5       | 36        | 0.48 | 1346         | 1          | 98.4          | 60           |
| 9/08/07  | 14:00 | 1.29       | 3.4      | 0.000       | 0.433       | 35.1       | 36        | 0.48 | 1308         | 1          | 95.6          | 60           |
| 9/08/07  | 15:00 | 1.16       | 3.0      | 0.000       | 0.488       | 36.1       | 36        | 0.51 | 1345         | 1          | 98.3          | 60           |
| 9/08/07  | 16:00 | 0.69       | 2.3      | 0.000       | 0.493       | 36.6       | 37        | 0.41 | 1346         | 1          | 98.4          | 60           |
| 9/08/07  | 17:00 | 0.30       | 1.0      | 0.000       | 0.451       | 34.9       | 40        | 0.23 | 1346         | 1          | 98.4          | 60           |
| 9/08/07  | 18:00 | 0.04       | 0.4      | 0.000       | 0.431       | 31.9       | 43        | 0.18 | 1344         | 1          | 98.2          | 60           |
| 9/08/07  | 19:00 | 0.00       | 0.0      | 0.000       | 0.352       | 29.2       | 45        | 0.10 | 1347         | 1          | 98.5          | 60           |
| 9/08/07  | 20:00 | 0.00       | 0.0      | 0.000       | 0.315       | 27.2       | 46        | 0.10 | 1344         | 1          | 98.2          | 60           |
| 9/08/07  | 21:00 | 0.00       | 0.0      | 0.000       | 0.299       | 26.8       | 45        | 0.08 | 1344         | 1          | 98.2          | 60           |
| 9/08/07  | 22:00 | 0.00       | 0.0      | 0.000       | 0.259       | 25.7       | 46        | 0.08 | 1343         | 1          | 98.2          | 60           |
| 9/08/07  | 23:00 | 0.00       | 0.0      | 0.000       | 0.250       | 25.3       | 46        | 0.08 | 1345         | 1          | 98.3          | 60           |
| 10/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.213       | 24.6       | 46        | 0.05 | 1345         | 1          | 98.3          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 10/08/07 | 1:00  | 0.00       | 0.0      | 0.000       | 0.185       | 23.6       | 46        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 10/08/07 | 2:00  | 0.00       | 0.0      | 0.000       | 0.181       | 23.3       | 47        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 10/08/07 | 3:00  | 0.00       | 0.0      | 0.000       | 0.123       | 22.5       | 47        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 10/08/07 | 4:00  | 0.00       | 0.0      | 0.000       | 0.097       | 21.7       | 47        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 10/08/07 | 5:00  | 0.00       | 0.0      | 0.000       | 0.028       | 20.2       | 48        | 0.00 | 1306         | 1          | 95.5          | 60           |
| 10/08/07 | 6:00  | 0.00       | 0.0      | 0.093       | 0.000       | 18.2       | 48        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 10/08/07 | 7:00  | 0.00       | 0.0      | 0.021       | 0.000       | 17.3       | 49        | 0.03 | 1343         | 1          | 98.2          | 60           |
| 10/08/07 | 8:00  | 0.00       | 0.3      | 0.000       | 0.039       | 18.9       | 49        | 0.05 | 1309         | 1          | 95.7          | 60           |
| 10/08/07 | 9:00  | 0.21       | 0.9      | 0.000       | 0.157       | 23.1       | 42        | 0.18 | 1344         | 1          | 98.2          | 60           |
| 10/08/07 | 10:00 | 0.60       | 1.9      | 0.000       | 0.218       | 28.9       | 35        | 0.30 | 1344         | 1          | 98.2          | 60           |
| 10/08/07 | 11:00 | 1.07       | 3.2      | 0.000       | 0.292       | 32.6       | 33        | 0.43 | 1307         | 1          | 95.5          | 60           |
| 10/08/07 | 12:00 | 1.54       | 4.0      | 0.000       | 0.354       | 34.4       | 34        | 0.51 | 1346         | 1          | 98.4          | 60           |
| 10/08/07 | 13:00 | 1.71       | 4.3      | 0.000       | 0.449       | 36.2       | 35        | 0.56 | 1345         | 1          | 98.3          | 60           |
| 10/08/07 | 14:00 | 1.59       | 4.0      | 0.000       | 0.507       | 37.2       | 35        | 0.56 | 1346         | 1          | 98.4          | 60           |
| 10/08/07 | 15:00 | 1.16       | 3.4      | 0.000       | 0.539       | 37.8       | 36        | 0.48 | 1343         | 1          | 98.2          | 60           |
| 10/08/07 | 16:00 | 0.69       | 2.1      | 0.000       | 0.537       | 37.6       | 37        | 0.33 | 1347         | 1          | 98.5          | 60           |
| 10/08/07 | 17:00 | 0.34       | 1.2      | 0.000       | 0.528       | 36.8       | 38        | 0.25 | 1342         | 1          | 98.1          | 60           |
| 10/08/07 | 18:00 | 0.09       | 0.4      | 0.000       | 0.454       | 34.5       | 42        | 0.10 | 1344         | 1          | 98.2          | 60           |
| 10/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.382       | 30.2       | 45        | 0.08 | 1345         | 1          | 98.3          | 60           |
| 10/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.299       | 27.8       | 46        | 0.08 | 1307         | 1          | 95.5          | 60           |
| 10/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.130       | 25.2       | 46        | 0.05 | 1327         | 1          | 97.0          | 60           |
| 10/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.014       | 21.8       | 46        | 0.05 | 1326         | 1          | 96.9          | 60           |
| 10/08/07 | 23:00 | 0.00       | 0.0      | 0.051       | 0.000       | 19.8       | 47        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 11/08/07 | 00:00 | 0.00       | 0.0      | 0.100       | 0.000       | 18.3       | 47        | 0.03 | 1344         | 1          | 98.2          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 11/08/07 | 1:00  | 0.00       | 0.0      | 0.150       | 0.000       | 17.1       | 47        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 11/08/07 | 2:00  | 0.00       | 0.0      | 0.183       | 0.000       | 15.9       | 48        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 11/08/07 | 3:00  | 0.00       | 0.0      | 0.194       | 0.000       | 15.2       | 48        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 11/08/07 | 4:00  | 0.00       | 0.0      | 0.215       | 0.000       | 14.6       | 48        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 11/08/07 | 5:00  | 0.00       | 0.0      | 0.229       | 0.000       | 14.2       | 48        | 0.00 | 1310         | 1          | 95.8          | 60           |
| 11/08/07 | 6:00  | 0.00       | 0.0      | 0.245       | 0.000       | 13.5       | 49        | 0.00 | 1342         | 1          | 98.1          | 60           |
| 11/08/07 | 7:00  | 0.00       | 0.0      | 0.266       | 0.000       | 12.7       | 49        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 11/08/07 | 8:00  | 0.00       | 0.0      | 0.266       | 0.000       | 12.6       | 49        | 0.03 | 1342         | 1          | 98.1          | 60           |
| 11/08/07 | 9:00  | 0.17       | 0.7      | 0.201       | 0.000       | 15.7       | 43        | 0.10 | 1346         | 1          | 98.4          | 60           |
| 11/08/07 | 10:00 | 0.51       | 1.6      | 0.074       | 0.000       | 22.1       | 34        | 0.20 | 1345         | 1          | 98.3          | 60           |
| 11/08/07 | 11:00 | 0.94       | 2.8      | 0.000       | 0.037       | 27.3       | 32        | 0.30 | 1346         | 1          | 98.4          | 60           |
| 11/08/07 | 12:00 | 1.37       | 3.5      | 0.000       | 0.083       | 30.0       | 32        | 0.38 | 1344         | 1          | 98.2          | 60           |
| 11/08/07 | 13:00 | 1.50       | 3.8      | 0.000       | 0.127       | 30.3       | 33        | 0.41 | 1344         | 1          | 98.2          | 60           |
| 11/08/07 | 14:00 | 1.41       | 3.7      | 0.000       | 0.181       | 31.2       | 33        | 0.41 | 1345         | 1          | 98.3          | 60           |
| 11/08/07 | 15:00 | 1.11       | 3.1      | 0.000       | 0.234       | 31.8       | 34        | 0.41 | 1344         | 1          | 98.2          | 60           |
| 11/08/07 | 16:00 | 0.69       | 2.1      | 0.000       | 0.289       | 32.7       | 35        | 0.33 | 1345         | 1          | 98.3          | 60           |
| 11/08/07 | 17:00 | 0.30       | 1.1      | 0.000       | 0.294       | 32.6       | 36        | 0.20 | 1344         | 1          | 98.2          | 60           |
| 11/08/07 | 18:00 | 0.04       | 0.4      | 0.000       | 0.229       | 29.7       | 43        | 0.10 | 1346         | 1          | 98.4          | 60           |
| 11/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.137       | 24.8       | 45        | 0.00 | 1306         | 1          | 95.5          | 60           |
| 11/08/07 | 20:00 | 0.00       | 0.0      | 0.032       | 0.000       | 20.9       | 47        | 0.00 | 1347         | 1          | 98.5          | 60           |
| 11/08/07 | 21:00 | 0.00       | 0.0      | 0.051       | 0.000       | 18.9       | 47        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 11/08/07 | 22:00 | 0.00       | 0.0      | 0.093       | 0.000       | 17.9       | 47        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 11/08/07 | 23:00 | 0.00       | 0.0      | 0.118       | 0.000       | 17.1       | 48        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 12/08/07 | 00:00 | 0.00       | 0.0      | 0.074       | 0.000       | 17.1       | 48        | 0.00 | 1343         | 1          | 98.2          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 12/08/07 | 1:00  | 0.00       | 0.0      | 0.065       | 0.000       | 17.2       | 48        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 12/08/07 | 2:00  | 0.00       | 0.0      | 0.051       | 0.000       | 17.6       | 49        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 12/08/07 | 3:00  | 0.00       | 0.0      | 0.079       | 0.000       | 17.3       | 49        | 0.00 | 1308         | 1          | 95.6          | 60           |
| 12/08/07 | 4:00  | 0.00       | 0.0      | 0.116       | 0.000       | 16.5       | 49        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 12/08/07 | 5:00  | 0.00       | 0.0      | 0.125       | 0.000       | 16.0       | 50        | 0.00 | 1347         | 1          | 98.5          | 60           |
| 12/08/07 | 6:00  | 0.00       | 0.0      | 0.072       | 0.000       | 16.2       | 51        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 12/08/07 | 7:00  | 0.00       | 0.0      | 0.025       | 0.000       | 17.5       | 50        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 12/08/07 | 8:00  | 0.00       | 0.0      | 0.021       | 0.000       | 18.3       | 50        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 12/08/07 | 9:00  | 0.21       | 0.8      | 0.000       | 0.025       | 20.7       | 43        | 0.15 | 1346         | 1          | 98.4          | 60           |
| 12/08/07 | 10:00 | 0.56       | 1.8      | 0.000       | 0.113       | 26.0       | 36        | 0.28 | 1342         | 1          | 98.1          | 60           |
| 12/08/07 | 11:00 | 1.03       | 3.0      | 0.000       | 0.185       | 30.2       | 34        | 0.41 | 1349         | 1          | 98.6          | 60           |
| 12/08/07 | 12:00 | 1.46       | 3.9      | 0.000       | 0.225       | 32.2       | 33        | 0.48 | 1307         | 1          | 95.5          | 60           |
| 12/08/07 | 13:00 | 1.59       | 4.0      | 0.000       | 0.257       | 32.7       | 34        | 0.51 | 1343         | 1          | 98.2          | 60           |
| 12/08/07 | 14:00 | 1.59       | 3.9      | 0.000       | 0.308       | 33.4       | 35        | 0.51 | 1344         | 1          | 98.2          | 60           |
| 12/08/07 | 15:00 | 1.24       | 3.4      | 0.000       | 0.356       | 34.4       | 35        | 0.48 | 1344         | 1          | 98.2          | 60           |
| 12/08/07 | 16:00 | 0.64       | 1.8      | 0.000       | 0.354       | 33.6       | 36        | 0.30 | 1342         | 1          | 98.1          | 60           |
| 12/08/07 | 17:00 | 0.34       | 1.2      | 0.000       | 0.368       | 33.9       | 36        | 0.28 | 1347         | 1          | 98.5          | 60           |
| 12/08/07 | 18:00 | 0.09       | 0.4      | 0.000       | 0.317       | 32.4       | 40        | 0.13 | 1344         | 1          | 98.2          | 60           |
| 12/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.220       | 27.4       | 45        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 12/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.157       | 23.9       | 47        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 12/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.123       | 23.0       | 47        | 0.05 | 1308         | 1          | 95.6          | 60           |
| 12/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.150       | 22.8       | 48        | 0.08 | 1344         | 1          | 98.2          | 60           |
| 12/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.146       | 23.2       | 47        | 0.08 | 1344         | 1          | 98.2          | 60           |
| 13/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.137       | 22.9       | 48        | 0.05 | 1345         | 1          | 98.3          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 13/08/07 | 1:00  | 0.00       | 0.0      | 0.000       | 0.113       | 22.4       | 48        | 0.05 | 1341         | 1          | 98.0          | 60           |
| 13/08/07 | 2:00  | 0.00       | 0.0      | 0.000       | 0.093       | 21.9       | 48        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 13/08/07 | 3:00  | 0.00       | 0.0      | 0.000       | 0.072       | 21.3       | 49        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 13/08/07 | 4:00  | 0.00       | 0.0      | 0.000       | 0.049       | 21.0       | 49        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 13/08/07 | 5:00  | 0.00       | 0.0      | 0.000       | 0.016       | 20.2       | 50        | 0.05 | 1346         | 1          | 98.4          | 60           |
| 13/08/07 | 6:00  | 0.00       | 0.0      | 0.000       | 0.000       | 19.6       | 50        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 13/08/07 | 7:00  | 0.00       | 0.0      | 0.007       | 0.000       | 19.4       | 51        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 13/08/07 | 8:00  | 0.00       | 0.3      | 0.000       | 0.002       | 19.4       | 51        | 0.08 | 1345         | 1          | 98.3          | 60           |
| 13/08/07 | 9:00  | 0.26       | 1.0      | 0.000       | 0.090       | 22.4       | 44        | 0.20 | 1346         | 1          | 98.4          | 60           |
| 13/08/07 | 10:00 | 0.60       | 2.0      | 0.000       | 0.171       | 27.7       | 36        | 0.30 | 1345         | 1          | 98.3          | 60           |
| 13/08/07 | 11:00 | 1.11       | 3.2      | 0.000       | 0.215       | 30.9       | 34        | 0.43 | 1344         | 1          | 98.2          | 60           |
| 13/08/07 | 12:00 | 1.59       | 4.0      | 0.000       | 0.294       | 32.9       | 33        | 0.53 | 1346         | 1          | 98.4          | 60           |
| 13/08/07 | 13:00 | 1.76       | 4.2      | 0.000       | 0.361       | 34.3       | 35        | 0.56 | 1344         | 1          | 98.2          | 60           |
| 13/08/07 | 14:00 | 1.63       | 4.1      | 0.000       | 0.419       | 35.4       | 34        | 0.56 | 1346         | 1          | 98.4          | 60           |
| 13/08/07 | 15:00 | 1.29       | 3.5      | 0.000       | 0.442       | 35.8       | 35        | 0.51 | 1344         | 1          | 98.2          | 60           |
| 13/08/07 | 16:00 | 0.77       | 2.4      | 0.000       | 0.454       | 35.9       | 36        | 0.41 | 1344         | 1          | 98.2          | 60           |
| 13/08/07 | 17:00 | 0.30       | 1.1      | 0.000       | 0.431       | 34.7       | 38        | 0.20 | 1310         | 1          | 95.8          | 60           |
| 13/08/07 | 18:00 | 0.09       | 0.4      | 0.000       | 0.426       | 33.3       | 39        | 0.15 | 1343         | 1          | 98.2          | 60           |
| 13/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.322       | 29.5       | 44        | 0.05 | 1346         | 1          | 98.4          | 60           |
| 13/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.285       | 26.6       | 45        | 0.08 | 1344         | 1          | 98.2          | 60           |
| 13/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.227       | 25.4       | 46        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 13/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.271       | 25.4       | 46        | 0.10 | 1344         | 1          | 98.2          | 60           |
| 13/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.269       | 25.7       | 46        | 0.10 | 1346         | 1          | 98.4          | 60           |
| 14/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.271       | 25.8       | 46        | 0.10 | 1344         | 1          | 98.2          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 14/08/07 | 1:00  | 0.00       | 0.0      | 0.000       | 0.250       | 25.6       | 46        | 0.10 | 1344         | 1          | 98.2          | 60           |
| 14/08/07 | 2:00  | 0.00       | 0.0      | 0.000       | 0.174       | 24.2       | 46        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 14/08/07 | 3:00  | 0.00       | 0.0      | 0.000       | 0.174       | 23.2       | 47        | 0.05 | 1310         | 1          | 95.8          | 60           |
| 14/08/07 | 4:00  | 0.00       | 0.0      | 0.000       | 0.169       | 23.3       | 47        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 14/08/07 | 5:00  | 0.00       | 0.0      | 0.000       | 0.155       | 22.8       | 47        | 0.08 | 1344         | 1          | 98.2          | 60           |
| 14/08/07 | 6:00  | 0.00       | 0.0      | 0.000       | 0.141       | 22.7       | 47        | 0.08 | 1346         | 1          | 98.4          | 60           |
| 14/08/07 | 7:00  | 0.00       | 0.0      | 0.000       | 0.090       | 21.6       | 47        | 0.03 | 1347         | 1          | 98.5          | 60           |
| 14/08/07 | 8:00  | 0.00       | 0.3      | 0.000       | 0.088       | 21.1       | 48        | 0.08 | 1343         | 1          | 98.2          | 60           |
| 14/08/07 | 9:00  | 0.26       | 1.0      | 0.000       | 0.176       | 24.2       | 40        | 0.23 | 1343         | 1          | 98.2          | 60           |
| 14/08/07 | 10:00 | 0.56       | 1.5      | 0.000       | 0.229       | 28.9       | 37        | 0.30 | 1346         | 1          | 98.4          | 60           |
| 14/08/07 | 11:00 | 0.99       | 3.3      | 0.000       | 0.257       | 30.5       | 33        | 0.41 | 1344         | 1          | 98.2          | 60           |
| 14/08/07 | 12:00 | 1.33       | 4.2      | 0.000       | 0.310       | 32.6       | 33        | 0.46 | 1345         | 1          | 98.3          | 60           |
| 14/08/07 | 13:00 | 1.67       | 4.9      | 0.000       | 0.387       | 34.6       | 33        | 0.56 | 1344         | 1          | 98.2          | 60           |
| 14/08/07 | 14:00 | 1.67       | 4.5      | 0.000       | 0.438       | 35.7       | 33        | 0.56 | 1346         | 1          | 98.4          | 60           |
| 14/08/07 | 15:00 | 1.29       | 3.7      | 0.000       | 0.475       | 36.2       | 33        | 0.58 | 1344         | 1          | 98.2          | 60           |
| 14/08/07 | 16:00 | 0.77       | 2.3      | 0.000       | 0.486       | 36.3       | 33        | 0.48 | 1344         | 1          | 98.2          | 60           |
| 14/08/07 | 17:00 | 0.34       | 1.3      | 0.000       | 0.472       | 35.7       | 33        | 0.36 | 1345         | 1          | 98.3          | 60           |
| 14/08/07 | 18:00 | 0.09       | 0.5      | 0.000       | 0.442       | 34.3       | 35        | 0.20 | 1348         | 1          | 98.5          | 60           |
| 14/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.350       | 30.2       | 40        | 0.10 | 1345         | 1          | 98.3          | 60           |
| 14/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.322       | 27.4       | 41        | 0.13 | 1343         | 1          | 98.2          | 60           |
| 14/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.306       | 27.0       | 41        | 0.13 | 1344         | 1          | 98.2          | 60           |
| 14/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.299       | 26.6       | 41        | 0.15 | 1348         | 1          | 98.5          | 60           |
| 14/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.245       | 25.9       | 41        | 0.15 | 1345         | 1          | 98.3          | 60           |
| 15/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.185       | 24.4       | 41        | 0.10 | 1344         | 1          | 98.2          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 15/08/07 | 1:00  | 0.00       | 0.0      | 0.000       | 0.157       | 23.3       | 41        | 0.08 | 1341         | 1          | 98.0          | 60           |
| 15/08/07 | 2:00  | 0.00       | 0.0      | 0.000       | 0.116       | 22.4       | 41        | 0.05 | 1309         | 1          | 95.7          | 60           |
| 15/08/07 | 3:00  | 0.00       | 0.0      | 0.000       | 0.097       | 21.3       | 43        | 0.05 | 1342         | 1          | 98.1          | 60           |
| 15/08/07 | 4:00  | 0.00       | 0.0      | 0.000       | 0.109       | 21.3       | 43        | 0.08 | 1345         | 1          | 98.3          | 60           |
| 15/08/07 | 5:00  | 0.00       | 0.0      | 0.000       | 0.137       | 22.0       | 43        | 0.10 | 1346         | 1          | 98.4          | 60           |
| 15/08/07 | 6:00  | 0.00       | 0.0      | 0.000       | 0.125       | 22.1       | 43        | 0.10 | 1345         | 1          | 98.3          | 60           |
| 15/08/07 | 7:00  | 0.00       | 0.0      | 0.000       | 0.072       | 21.3       | 43        | 0.08 | 1343         | 1          | 98.2          | 60           |
| 15/08/07 | 8:00  | 0.00       | 0.3      | 0.000       | 0.049       | 20.7       | 43        | 0.10 | 1346         | 1          | 98.4          | 60           |
| 15/08/07 | 9:00  | 0.26       | 1.0      | 0.000       | 0.106       | 23.3       | 37        | 0.20 | 1345         | 1          | 98.3          | 60           |
| 15/08/07 | 10:00 | 0.69       | 2.2      | 0.000       | 0.192       | 28.2       | 31        | 0.33 | 1345         | 1          | 98.3          | 60           |
| 15/08/07 | 11:00 | 1.24       | 3.5      | 0.000       | 0.294       | 32.4       | 30        | 0.46 | 1347         | 1          | 98.5          | 60           |
| 15/08/07 | 12:00 | 1.71       | 4.4      | 0.000       | 0.368       | 34.5       | 30        | 0.56 | 1345         | 1          | 98.3          | 60           |
| 15/08/07 | 13:00 | 1.97       | 4.6      | 0.000       | 0.424       | 35.7       | 30        | 0.61 | 1343         | 1          | 98.2          | 60           |
| 15/08/07 | 14:00 | 1.84       | 4.5      | 0.000       | 0.468       | 36.2       | 30        | 0.61 | 1343         | 1          | 98.2          | 60           |
| 15/08/07 | 15:00 | 1.41       | 3.9      | 0.000       | 0.493       | 36.7       | 31        | 0.58 | 1344         | 1          | 98.2          | 60           |
| 15/08/07 | 16:00 | 0.86       | 2.6      | 0.000       | 0.507       | 36.7       | 31        | 0.48 | 1344         | 1          | 98.2          | 60           |
| 15/08/07 | 17:00 | 0.39       | 1.4      | 0.000       | 0.488       | 36.2       | 32        | 0.33 | 1346         | 1          | 98.4          | 60           |
| 15/08/07 | 18:00 | 0.09       | 0.5      | 0.000       | 0.451       | 34.9       | 33        | 0.15 | 1345         | 1          | 98.3          | 60           |
| 15/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.310       | 29.6       | 38        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 15/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.255       | 26.0       | 40        | 0.08 | 1344         | 1          | 98.2          | 60           |
| 15/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.208       | 24.7       | 40        | 0.08 | 1347         | 1          | 98.5          | 60           |
| 15/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.144       | 23.3       | 40        | 0.10 | 1345         | 1          | 98.3          | 60           |
| 15/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.113       | 22.3       | 40        | 0.08 | 1342         | 1          | 98.1          | 60           |
| 16/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.132       | 21.7       | 41        | 0.05 | 1346         | 1          | 98.4          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 16/08/07 | 1:00  | 0.00       | 0.0      | 0.000       | 0.109       | 21.4       | 40        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 16/08/07 | 2:00  | 0.00       | 0.0      | 0.000       | 0.095       | 20.9       | 41        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 16/08/07 | 3:00  | 0.00       | 0.0      | 0.000       | 0.067       | 20.2       | 41        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 16/08/07 | 4:00  | 0.00       | 0.0      | 0.000       | 0.067       | 19.7       | 41        | 0.03 | 1347         | 1          | 98.5          | 60           |
| 16/08/07 | 5:00  | 0.00       | 0.0      | 0.000       | 0.058       | 19.4       | 41        | 0.03 | 1343         | 1          | 98.2          | 60           |
| 16/08/07 | 6:00  | 0.00       | 0.0      | 0.000       | 0.014       | 18.8       | 42        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 16/08/07 | 7:00  | 0.00       | 0.0      | 0.053       | 0.000       | 17.7       | 42        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 16/08/07 | 8:00  | 0.00       | 0.3      | 0.074       | 0.000       | 17.1       | 42        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 16/08/07 | 9:00  | 0.26       | 1.0      | 0.000       | 0.037       | 21.2       | 36        | 0.15 | 1346         | 1          | 98.4          | 60           |
| 16/08/07 | 10:00 | 0.69       | 2.2      | 0.000       | 0.199       | 28.1       | 30        | 0.30 | 1344         | 1          | 98.2          | 60           |
| 16/08/07 | 11:00 | 1.24       | 3.5      | 0.000       | 0.308       | 32.8       | 29        | 0.43 | 1342         | 1          | 98.1          | 60           |
| 16/08/07 | 12:00 | 1.71       | 4.4      | 0.000       | 0.373       | 35.1       | 29        | 0.51 | 1345         | 1          | 98.3          | 60           |
| 16/08/07 | 13:00 | 1.97       | 4.6      | 0.000       | 0.435       | 36.5       | 30        | 0.56 | 1342         | 1          | 98.1          | 60           |
| 16/08/07 | 14:00 | 1.80       | 4.5      | 0.000       | 0.493       | 37.0       | 31        | 0.58 | 1346         | 1          | 98.4          | 60           |
| 16/08/07 | 15:00 | 1.37       | 3.8      | 0.000       | 0.521       | 37.4       | 31        | 0.53 | 1345         | 1          | 98.3          | 60           |
| 16/08/07 | 16:00 | 0.86       | 2.6      | 0.000       | 0.525       | 37.3       | 32        | 0.41 | 1343         | 1          | 98.2          | 60           |
| 16/08/07 | 17:00 | 0.39       | 1.4      | 0.000       | 0.525       | 36.9       | 33        | 0.23 | 1347         | 1          | 98.5          | 60           |
| 16/08/07 | 18:00 | 0.13       | 0.5      | 0.000       | 0.461       | 35.4       | 34        | 0.10 | 1345         | 1          | 98.3          | 60           |
| 16/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.303       | 29.7       | 39        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 16/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.053       | 23.2       | 40        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 16/08/07 | 21:00 | 0.00       | 0.0      | 0.023       | 0.000       | 19.9       | 41        | 0.05 | 1347         | 1          | 98.5          | 60           |
| 16/08/07 | 22:00 | 0.00       | 0.0      | 0.030       | 0.000       | 18.7       | 41        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 16/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.021       | 18.5       | 42        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 17/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.074       | 19.5       | 41        | 0.03 | 1345         | 1          | 98.3          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 17/08/07 | 1:00  | 0.00       | 0.0      | 0.000       | 0.009       | 18.6       | 41        | 0.03 | 1302         | 1          | 95.2          | 60           |
| 17/08/07 | 2:00  | 0.00       | 0.0      | 0.000       | 0.030       | 18.6       | 41        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 17/08/07 | 3:00  | 0.00       | 0.0      | 0.000       | 0.014       | 18.9       | 41        | 0.05 | 1346         | 1          | 98.4          | 60           |
| 17/08/07 | 4:00  | 0.00       | 0.0      | 0.083       | 0.000       | 17.6       | 41        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 17/08/07 | 5:00  | 0.00       | 0.0      | 0.127       | 0.000       | 16.1       | 42        | 0.03 | 1309         | 1          | 95.7          | 60           |
| 17/08/07 | 6:00  | 0.00       | 0.0      | 0.132       | 0.000       | 15.0       | 43        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 17/08/07 | 7:00  | 0.00       | 0.0      | 0.042       | 0.000       | 15.4       | 43        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 17/08/07 | 8:00  | 0.00       | 0.3      | 0.083       | 0.000       | 16.7       | 43        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 17/08/07 | 9:00  | 0.26       | 1.0      | 0.000       | 0.046       | 20.9       | 36        | 0.13 | 1344         | 1          | 98.2          | 60           |
| 17/08/07 | 10:00 | 0.69       | 2.2      | 0.000       | 0.155       | 27.6       | 29        | 0.28 | 1347         | 1          | 98.5          | 60           |
| 17/08/07 | 11:00 | 1.20       | 3.4      | 0.000       | 0.269       | 31.8       | 29        | 0.41 | 1346         | 1          | 98.4          | 60           |
| 17/08/07 | 12:00 | 1.63       | 4.4      | 0.000       | 0.391       | 34.9       | 29        | 0.51 | 1343         | 1          | 98.2          | 60           |
| 17/08/07 | 13:00 | 1.84       | 4.6      | 0.000       | 0.431       | 36.3       | 30        | 0.56 | 1344         | 1          | 98.2          | 60           |
| 17/08/07 | 14:00 | 1.71       | 4.4      | 0.000       | 0.449       | 36.7       | 30        | 0.53 | 1345         | 1          | 98.3          | 60           |
| 17/08/07 | 15:00 | 1.33       | 3.8      | 0.000       | 0.458       | 36.8       | 31        | 0.48 | 1319         | 1          | 96.4          | 60           |
| 17/08/07 | 16:00 | 0.81       | 2.5      | 0.000       | 0.463       | 36.7       | 32        | 0.36 | 1334         | 1          | 97.5          | 60           |
| 17/08/07 | 17:00 | 0.39       | 1.3      | 0.000       | 0.461       | 35.9       | 32        | 0.23 | 1344         | 1          | 98.2          | 60           |
| 17/08/07 | 18:00 | 0.13       | 0.5      | 0.000       | 0.456       | 34.7       | 34        | 0.10 | 1344         | 1          | 98.2          | 60           |
| 17/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.194       | 28.4       | 39        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 17/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.009       | 21.7       | 41        | 0.05 | 1346         | 1          | 98.4          | 60           |
| 17/08/07 | 21:00 | 0.00       | 0.0      | 0.035       | 0.000       | 19.3       | 42        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 17/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.012       | 19.4       | 41        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 17/08/07 | 23:00 | 0.00       | 0.0      | 0.063       | 0.000       | 18.6       | 41        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 18/08/07 | 00:00 | 0.00       | 0.0      | 0.106       | 0.000       | 17.2       | 42        | 0.00 | 1345         | 1          | 98.3          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 18/08/07 | 1:00  | 0.00       | 0.0      | 0.130       | 0.000       | 16.4       | 42        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 18/08/07 | 2:00  | 0.00       | 0.0      | 0.134       | 0.000       | 16.2       | 43        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 18/08/07 | 3:00  | 0.00       | 0.0      | 0.120       | 0.000       | 16.9       | 43        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 18/08/07 | 4:00  | 0.00       | 0.0      | 0.118       | 0.000       | 17.1       | 43        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 18/08/07 | 5:00  | 0.00       | 0.0      | 0.134       | 0.000       | 16.9       | 43        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 18/08/07 | 6:00  | 0.00       | 0.0      | 0.141       | 0.000       | 16.6       | 44        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 18/08/07 | 7:00  | 0.00       | 0.0      | 0.134       | 0.000       | 16.6       | 44        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 18/08/07 | 8:00  | 0.00       | 0.0      | 0.139       | 0.000       | 16.6       | 44        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 18/08/07 | 9:00  | 0.13       | 0.6      | 0.127       | 0.000       | 17.2       | 42        | 0.08 | 1342         | 1          | 98.1          | 60           |
| 18/08/07 | 10:00 | 0.43       | 2.0      | 0.086       | 0.000       | 19.7       | 36        | 0.13 | 1344         | 1          | 98.2          | 60           |
| 18/08/07 | 11:00 | 1.11       | 3.3      | 0.000       | 0.049       | 26.9       | 28        | 0.33 | 1344         | 1          | 98.2          | 60           |
| 18/08/07 | 12:00 | 1.59       | 4.1      | 0.000       | 0.088       | 30.3       | 28        | 0.41 | 1345         | 1          | 98.3          | 60           |
| 18/08/07 | 13:00 | 1.84       | 4.3      | 0.000       | 0.134       | 30.8       | 29        | 0.43 | 1344         | 1          | 98.2          | 60           |
| 18/08/07 | 14:00 | 1.71       | 4.3      | 0.000       | 0.201       | 31.7       | 30        | 0.46 | 1342         | 1          | 98.1          | 60           |
| 18/08/07 | 15:00 | 1.29       | 3.6      | 0.000       | 0.245       | 32.4       | 31        | 0.41 | 1345         | 1          | 98.3          | 60           |
| 18/08/07 | 16:00 | 0.77       | 2.4      | 0.000       | 0.294       | 32.9       | 32        | 0.33 | 1346         | 1          | 98.4          | 60           |
| 18/08/07 | 17:00 | 0.34       | 1.3      | 0.000       | 0.296       | 32.9       | 32        | 0.20 | 1308         | 1          | 95.6          | 60           |
| 18/08/07 | 18:00 | 0.09       | 0.4      | 0.000       | 0.264       | 31.1       | 36        | 0.08 | 1307         | 1          | 95.5          | 60           |
| 18/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.146       | 25.8       | 40        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 18/08/07 | 20:00 | 0.00       | 0.0      | 0.023       | 0.000       | 21.1       | 42        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 18/08/07 | 21:00 | 0.00       | 0.0      | 0.097       | 0.000       | 18.4       | 43        | 0.03 | 1343         | 1          | 98.2          | 60           |
| 18/08/07 | 22:00 | 0.00       | 0.0      | 0.095       | 0.000       | 17.7       | 43        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 18/08/07 | 23:00 | 0.00       | 0.0      | 0.037       | 0.000       | 17.8       | 43        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 19/08/07 | 00:00 | 0.00       | 0.0      | 0.051       | 0.000       | 17.7       | 43        | 0.00 | 1345         | 1          | 98.3          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 19/08/07 | 1:00  | 0.00       | 0.0      | 0.056       | 0.000       | 17.4       | 43        | 0.00 | 1342         | 1          | 98.1          | 60           |
| 19/08/07 | 2:00  | 0.00       | 0.0      | 0.060       | 0.000       | 17.0       | 44        | 0.00 | 1342         | 1          | 98.1          | 60           |
| 19/08/07 | 3:00  | 0.00       | 0.0      | 0.076       | 0.000       | 17.1       | 44        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 19/08/07 | 4:00  | 0.00       | 0.0      | 0.125       | 0.000       | 16.3       | 45        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 19/08/07 | 5:00  | 0.00       | 0.0      | 0.160       | 0.000       | 15.8       | 45        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 19/08/07 | 6:00  | 0.00       | 0.0      | 0.176       | 0.000       | 15.1       | 46        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 19/08/07 | 7:00  | 0.00       | 0.0      | 0.197       | 0.000       | 14.6       | 47        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 19/08/07 | 8:00  | 0.00       | 0.3      | 0.171       | 0.000       | 14.6       | 46        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 19/08/07 | 9:00  | 0.26       | 0.9      | 0.095       | 0.000       | 18.8       | 38        | 0.13 | 1346         | 1          | 98.4          | 60           |
| 19/08/07 | 10:00 | 0.56       | 1.8      | 0.000       | 0.007       | 24.4       | 33        | 0.23 | 1345         | 1          | 98.3          | 60           |
| 19/08/07 | 11:00 | 0.21       | 0.8      | 0.030       | 0.000       | 23.6       | 42        | 0.08 | 1344         | 1          | 98.2          | 60           |
| 19/08/07 | 12:00 | 1.07       | 3.8      | 0.000       | 0.002       | 22.9       | 32        | 0.25 | 1344         | 1          | 98.2          | 60           |
| 19/08/07 | 13:00 | 0.99       | 4.0      | 0.000       | 0.058       | 27.3       | 34        | 0.23 | 1347         | 1          | 98.5          | 60           |
| 19/08/07 | 14:00 | 1.37       | 4.1      | 0.000       | 0.157       | 28.9       | 32        | 0.36 | 1345         | 1          | 98.3          | 60           |
| 19/08/07 | 15:00 | 1.11       | 3.4      | 0.000       | 0.169       | 30.8       | 32        | 0.36 | 1344         | 1          | 98.2          | 60           |
| 19/08/07 | 16:00 | 0.64       | 2.2      | 0.000       | 0.220       | 30.8       | 33        | 0.28 | 1308         | 1          | 95.6          | 60           |
| 19/08/07 | 17:00 | 0.30       | 1.1      | 0.000       | 0.201       | 31.0       | 34        | 0.20 | 1347         | 1          | 98.5          | 60           |
| 19/08/07 | 18:00 | 0.04       | 0.3      | 0.000       | 0.046       | 25.9       | 40        | 0.08 | 1345         | 1          | 98.3          | 60           |
| 19/08/07 | 19:00 | 0.00       | 0.0      | 0.079       | 0.000       | 20.6       | 43        | 0.03 | 1347         | 1          | 98.5          | 60           |
| 19/08/07 | 20:00 | 0.00       | 0.0      | 0.106       | 0.000       | 18.1       | 44        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 19/08/07 | 21:00 | 0.00       | 0.0      | 0.130       | 0.000       | 17.6       | 44        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 19/08/07 | 22:00 | 0.00       | 0.0      | 0.185       | 0.000       | 16.3       | 45        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 19/08/07 | 23:00 | 0.00       | 0.0      | 0.192       | 0.000       | 15.7       | 45        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 20/08/07 | 00:00 | 0.00       | 0.0      | 0.204       | 0.000       | 15.2       | 45        | 0.03 | 1341         | 1          | 98.0          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 20/08/07 | 1:00  | 0.00       | 0.0      | 0.215       | 0.000       | 14.8       | 46        | 0.03 | 1342         | 1          | 98.1          | 60           |
| 20/08/07 | 2:00  | 0.00       | 0.0      | 0.222       | 0.000       | 14.8       | 46        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 20/08/07 | 3:00  | 0.00       | 0.0      | 0.238       | 0.000       | 14.5       | 46        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 20/08/07 | 4:00  | 0.00       | 0.0      | 0.241       | 0.000       | 14.1       | 47        | 0.03 | 1347         | 1          | 98.5          | 60           |
| 20/08/07 | 5:00  | 0.00       | 0.0      | 0.227       | 0.000       | 14.3       | 47        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 20/08/07 | 6:00  | 0.00       | 0.0      | 0.225       | 0.000       | 14.4       | 47        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 20/08/07 | 7:00  | 0.00       | 0.0      | 0.234       | 0.000       | 14.3       | 47        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 20/08/07 | 8:00  | 0.00       | 0.0      | 0.234       | 0.000       | 14.2       | 47        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 20/08/07 | 9:00  | 0.09       | 0.6      | 0.213       | 0.000       | 15.0       | 45        | 0.08 | 1342         | 1          | 98.1          | 60           |
| 20/08/07 | 10:00 | 0.47       | 1.7      | 0.153       | 0.000       | 18.9       | 33        | 0.23 | 1345         | 1          | 98.3          | 60           |
| 20/08/07 | 11:00 | 0.99       | 2.8      | 0.072       | 0.000       | 25.0       | 29        | 0.33 | 1347         | 1          | 98.5          | 60           |
| 20/08/07 | 12:00 | 1.41       | 3.7      | 0.000       | 0.005       | 27.9       | 29        | 0.38 | 1345         | 1          | 98.3          | 60           |
| 20/08/07 | 13:00 | 1.63       | 3.9      | 0.000       | 0.053       | 29.2       | 30        | 0.43 | 1344         | 1          | 98.2          | 60           |
| 20/08/07 | 14:00 | 1.59       | 3.9      | 0.000       | 0.109       | 30.0       | 30        | 0.43 | 1345         | 1          | 98.3          | 60           |
| 20/08/07 | 15:00 | 1.20       | 3.3      | 0.000       | 0.146       | 30.4       | 31        | 0.41 | 1343         | 1          | 98.2          | 60           |
| 20/08/07 | 16:00 | 0.69       | 2.2      | 0.000       | 0.144       | 30.5       | 31        | 0.30 | 1343         | 1          | 98.2          | 60           |
| 20/08/07 | 17:00 | 0.30       | 1.1      | 0.000       | 0.104       | 29.2       | 32        | 0.20 | 1344         | 1          | 98.2          | 60           |
| 20/08/07 | 18:00 | 0.04       | 0.4      | 0.000       | 0.056       | 26.2       | 38        | 0.08 | 1342         | 1          | 98.1          | 60           |
| 20/08/07 | 19:00 | 0.00       | 0.0      | 0.030       | 0.000       | 21.2       | 42        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 20/08/07 | 20:00 | 0.00       | 0.0      | 0.118       | 0.000       | 17.9       | 43        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 20/08/07 | 21:00 | 0.00       | 0.0      | 0.169       | 0.000       | 16.1       | 43        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 20/08/07 | 22:00 | 0.00       | 0.0      | 0.192       | 0.000       | 14.9       | 44        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 20/08/07 | 23:00 | 0.00       | 0.0      | 0.222       | 0.000       | 13.5       | 46        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 21/08/07 | 00:00 | 0.00       | 0.0      | 0.259       | 0.000       | 12.2       | 47        | 0.00 | 1346         | 1          | 98.4          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 21/08/07 | 1:00  | 0.00       | 0.0      | 0.310       | 0.000       | 10.8       | 48        | 0.00 | 1342         | 1          | 98.1          | 60           |
| 21/08/07 | 2:00  | 0.00       | 0.0      | 0.396       | 0.000       | 9.4        | 48        | 0.00 | 1342         | 1          | 98.1          | 60           |
| 21/08/07 | 3:00  | 0.00       | 0.0      | 0.449       | 0.000       | 8.0        | 49        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 21/08/07 | 4:00  | 0.00       | 0.0      | 0.484       | 0.000       | 7.2        | 49        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 21/08/07 | 5:00  | 0.00       | 0.0      | 0.488       | 0.000       | 6.7        | 49        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 21/08/07 | 6:00  | 0.00       | 0.0      | 0.491       | 0.000       | 6.6        | 49        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 21/08/07 | 7:00  | 0.00       | 0.0      | 0.484       | 0.000       | 6.5        | 49        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 21/08/07 | 8:00  | 0.00       | 0.0      | 0.458       | 0.000       | 7.2        | 48        | 0.03 | 1347         | 1          | 98.5          | 60           |
| 21/08/07 | 9:00  | 0.21       | 0.8      | 0.255       | 0.000       | 13.2       | 40        | 0.10 | 1344         | 1          | 98.2          | 60           |
| 21/08/07 | 10:00 | 0.51       | 1.8      | 0.144       | 0.000       | 20.7       | 30        | 0.23 | 1343         | 1          | 98.2          | 60           |
| 21/08/07 | 11:00 | 0.99       | 2.9      | 0.025       | 0.000       | 26.2       | 28        | 0.30 | 1344         | 1          | 98.2          | 60           |
| 21/08/07 | 12:00 | 1.41       | 3.6      | 0.000       | 0.081       | 29.5       | 29        | 0.38 | 1342         | 1          | 98.1          | 60           |
| 21/08/07 | 13:00 | 1.59       | 3.8      | 0.000       | 0.174       | 31.7       | 30        | 0.46 | 1342         | 1          | 98.1          | 60           |
| 21/08/07 | 14:00 | 1.46       | 3.7      | 0.000       | 0.255       | 33.0       | 31        | 0.43 | 1342         | 1          | 98.1          | 60           |
| 21/08/07 | 15:00 | 1.16       | 3.1      | 0.000       | 0.315       | 34.0       | 32        | 0.41 | 1344         | 1          | 98.2          | 60           |
| 21/08/07 | 16:00 | 0.69       | 2.1      | 0.000       | 0.329       | 34.1       | 33        | 0.33 | 1346         | 1          | 98.4          | 60           |
| 21/08/07 | 17:00 | 0.30       | 1.1      | 0.000       | 0.343       | 33.6       | 34        | 0.20 | 1346         | 1          | 98.4          | 60           |
| 21/08/07 | 18:00 | 0.09       | 0.4      | 0.000       | 0.303       | 31.7       | 38        | 0.08 | 1344         | 1          | 98.2          | 60           |
| 21/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.134       | 25.9       | 42        | 0.03 | 1343         | 1          | 98.2          | 60           |
| 21/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.014       | 21.1       | 44        | 0.05 | 1346         | 1          | 98.4          | 60           |
| 21/08/07 | 21:00 | 0.00       | 0.0      | 0.002       | 0.000       | 19.7       | 44        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 21/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.012       | 19.8       | 44        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 21/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.007       | 19.0       | 44        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 22/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.012       | 18.8       | 45        | 0.00 | 1343         | 1          | 98.2          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 22/08/07 | 1:00  | 0.00       | 0.0      | 0.046       | 0.000       | 18.3       | 43        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 22/08/07 | 2:00  | 0.00       | 0.0      | 0.164       | 0.000       | 16.4       | 45        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 22/08/07 | 3:00  | 0.00       | 0.0      | 0.146       | 0.000       | 15.5       | 45        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 22/08/07 | 4:00  | 0.00       | 0.0      | 0.079       | 0.000       | 16.1       | 46        | 0.00 | 1309         | 1          | 95.7          | 60           |
| 22/08/07 | 5:00  | 0.00       | 0.0      | 0.056       | 0.000       | 16.8       | 46        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 22/08/07 | 6:00  | 0.00       | 0.0      | 0.051       | 0.000       | 17.0       | 46        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 22/08/07 | 7:00  | 0.00       | 0.0      | 0.053       | 0.000       | 17.1       | 46        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 22/08/07 | 8:00  | 0.00       | 0.3      | 0.025       | 0.000       | 17.9       | 46        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 22/08/07 | 9:00  | 0.26       | 0.9      | 0.000       | 0.042       | 21.3       | 40        | 0.15 | 1346         | 1          | 98.4          | 60           |
| 22/08/07 | 10:00 | 0.60       | 1.9      | 0.000       | 0.111       | 26.6       | 33        | 0.28 | 1344         | 1          | 98.2          | 60           |
| 22/08/07 | 11:00 | 1.07       | 3.1      | 0.000       | 0.187       | 30.5       | 31        | 0.41 | 1345         | 1          | 98.3          | 60           |
| 22/08/07 | 12:00 | 1.54       | 3.9      | 0.000       | 0.238       | 32.3       | 31        | 0.48 | 1308         | 1          | 95.6          | 60           |
| 22/08/07 | 13:00 | 1.71       | 4.1      | 0.000       | 0.296       | 33.4       | 32        | 0.53 | 1346         | 1          | 98.4          | 60           |
| 22/08/07 | 14:00 | 1.63       | 4.0      | 0.000       | 0.368       | 34.5       | 33        | 0.51 | 1343         | 1          | 98.2          | 60           |
| 22/08/07 | 15:00 | 1.24       | 3.4      | 0.000       | 0.419       | 35.6       | 33        | 0.46 | 1347         | 1          | 98.5          | 60           |
| 22/08/07 | 16:00 | 0.77       | 2.3      | 0.000       | 0.442       | 36.0       | 34        | 0.36 | 1343         | 1          | 98.2          | 60           |
| 22/08/07 | 17:00 | 0.34       | 1.2      | 0.000       | 0.440       | 35.6       | 35        | 0.23 | 1342         | 1          | 98.1          | 60           |
| 22/08/07 | 18:00 | 0.09       | 0.5      | 0.000       | 0.396       | 33.9       | 37        | 0.13 | 1345         | 1          | 98.3          | 60           |
| 22/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.296       | 28.7       | 43        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 22/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.231       | 25.3       | 44        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 22/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.194       | 24.1       | 44        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 22/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.141       | 22.8       | 45        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 22/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.144       | 22.1       | 45        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 23/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.100       | 21.6       | 45        | 0.05 | 1342         | 1          | 98.1          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 23/08/07 | 1:00  | 0.00       | 0.0      | 0.000       | 0.100       | 21.0       | 45        | 0.05 | 1342         | 1          | 98.1          | 60           |
| 23/08/07 | 2:00  | 0.00       | 0.0      | 0.000       | 0.088       | 21.1       | 46        | 0.08 | 1345         | 1          | 98.3          | 60           |
| 23/08/07 | 3:00  | 0.00       | 0.0      | 0.000       | 0.106       | 21.3       | 46        | 0.10 | 1345         | 1          | 98.3          | 60           |
| 23/08/07 | 4:00  | 0.00       | 0.0      | 0.000       | 0.079       | 21.2       | 45        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 23/08/07 | 5:00  | 0.00       | 0.0      | 0.000       | 0.037       | 19.9       | 46        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 23/08/07 | 6:00  | 0.00       | 0.0      | 0.000       | 0.016       | 18.9       | 46        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 23/08/07 | 7:00  | 0.00       | 0.0      | 0.000       | 0.014       | 18.2       | 47        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 23/08/07 | 8:00  | 0.04       | 0.3      | 0.000       | 0.039       | 19.1       | 46        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 23/08/07 | 9:00  | 0.26       | 1.0      | 0.000       | 0.134       | 22.8       | 40        | 0.23 | 1345         | 1          | 98.3          | 60           |
| 23/08/07 | 10:00 | 0.64       | 2.0      | 0.000       | 0.192       | 28.2       | 32        | 0.33 | 1307         | 1          | 95.5          | 60           |
| 23/08/07 | 11:00 | 1.11       | 3.1      | 0.000       | 0.257       | 31.8       | 31        | 0.43 | 1345         | 1          | 98.3          | 60           |
| 23/08/07 | 12:00 | 1.54       | 4.0      | 0.000       | 0.331       | 34.0       | 31        | 0.51 | 1344         | 1          | 98.2          | 60           |
| 23/08/07 | 13:00 | 1.76       | 4.1      | 0.000       | 0.435       | 35.7       | 32        | 0.58 | 1343         | 1          | 98.2          | 60           |
| 23/08/07 | 14:00 | 1.63       | 4.1      | 0.000       | 0.498       | 36.8       | 32        | 0.61 | 1347         | 1          | 98.5          | 60           |
| 23/08/07 | 15:00 | 1.20       | 3.4      | 0.000       | 0.530       | 37.4       | 32        | 0.56 | 1345         | 1          | 98.3          | 60           |
| 23/08/07 | 16:00 | 0.73       | 2.3      | 0.000       | 0.551       | 37.5       | 32        | 0.48 | 1347         | 1          | 98.5          | 60           |
| 23/08/07 | 17:00 | 0.30       | 1.1      | 0.000       | 0.532       | 36.8       | 32        | 0.33 | 1342         | 1          | 98.1          | 60           |
| 23/08/07 | 18:00 | 0.09       | 0.4      | 0.000       | 0.491       | 35.1       | 36        | 0.15 | 1345         | 1          | 98.3          | 60           |
| 23/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.380       | 30.4       | 40        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 23/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.322       | 27.0       | 41        | 0.08 | 1344         | 1          | 98.2          | 60           |
| 23/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.347       | 27.2       | 41        | 0.13 | 1345         | 1          | 98.3          | 60           |
| 23/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.319       | 27.0       | 41        | 0.10 | 1345         | 1          | 98.3          | 60           |
| 23/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.294       | 26.3       | 41        | 0.10 | 1309         | 1          | 95.7          | 60           |
| 24/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.236       | 25.1       | 41        | 0.05 | 1344         | 1          | 98.2          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 24/08/07 | 1:00  | 0.00       | 0.0      | 0.000       | 0.215       | 24.0       | 41        | 0.08 | 1340         | 1          | 98.0          | 60           |
| 24/08/07 | 2:00  | 0.00       | 0.0      | 0.000       | 0.192       | 23.6       | 41        | 0.05 | 1346         | 1          | 98.4          | 60           |
| 24/08/07 | 3:00  | 0.00       | 0.0      | 0.000       | 0.157       | 22.7       | 42        | 0.05 | 1346         | 1          | 98.4          | 60           |
| 24/08/07 | 4:00  | 0.00       | 0.0      | 0.000       | 0.162       | 22.4       | 42        | 0.08 | 1343         | 1          | 98.2          | 60           |
| 24/08/07 | 5:00  | 0.00       | 0.0      | 0.000       | 0.171       | 22.7       | 42        | 0.08 | 1346         | 1          | 98.4          | 60           |
| 24/08/07 | 6:00  | 0.00       | 0.0      | 0.000       | 0.146       | 22.2       | 42        | 0.08 | 1307         | 1          | 95.5          | 60           |
| 24/08/07 | 7:00  | 0.00       | 0.0      | 0.000       | 0.146       | 22.1       | 42        | 0.08 | 1345         | 1          | 98.3          | 60           |
| 24/08/07 | 8:00  | 0.04       | 0.4      | 0.000       | 0.123       | 22.1       | 42        | 0.08 | 1345         | 1          | 98.3          | 60           |
| 24/08/07 | 9:00  | 0.30       | 1.1      | 0.000       | 0.157       | 24.6       | 37        | 0.18 | 1343         | 1          | 98.2          | 60           |
| 24/08/07 | 10:00 | 0.69       | 2.2      | 0.000       | 0.269       | 29.8       | 30        | 0.36 | 1343         | 1          | 98.2          | 60           |
| 24/08/07 | 11:00 | 1.20       | 3.4      | 0.000       | 0.345       | 33.5       | 29        | 0.51 | 1305         | 1          | 95.4          | 60           |
| 24/08/07 | 12:00 | 1.63       | 4.2      | 0.000       | 0.428       | 35.5       | 29        | 0.58 | 1346         | 1          | 98.4          | 60           |
| 24/08/07 | 13:00 | 1.84       | 4.3      | 0.000       | 0.500       | 37.1       | 29        | 0.63 | 1345         | 1          | 98.3          | 60           |
| 24/08/07 | 14:00 | 1.67       | 4.2      | 0.000       | 0.556       | 37.9       | 30        | 0.61 | 1345         | 1          | 98.3          | 60           |
| 24/08/07 | 15:00 | 1.29       | 3.5      | 0.000       | 0.588       | 38.5       | 30        | 0.58 | 1345         | 1          | 98.3          | 60           |
| 24/08/07 | 16:00 | 0.77       | 2.4      | 0.000       | 0.611       | 38.8       | 31        | 0.48 | 1344         | 1          | 98.2          | 60           |
| 24/08/07 | 17:00 | 0.34       | 1.3      | 0.000       | 0.590       | 38.2       | 31        | 0.33 | 1345         | 1          | 98.3          | 60           |
| 24/08/07 | 18:00 | 0.09       | 0.5      | 0.000       | 0.516       | 36.2       | 34        | 0.15 | 1347         | 1          | 98.5          | 60           |
| 24/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.419       | 31.1       | 39        | 0.08 | 1343         | 1          | 98.2          | 60           |
| 24/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.396       | 28.7       | 39        | 0.10 | 1346         | 1          | 98.4          | 60           |
| 24/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.352       | 27.6       | 39        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 24/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.299       | 26.2       | 39        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 24/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.176       | 23.6       | 40        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 25/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.104       | 21.3       | 41        | 0.03 | 1345         | 1          | 98.3          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 25/08/07 | 1:00  | 0.00       | 0.0      | 0.000       | 0.157       | 22.0       | 40        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 25/08/07 | 2:00  | 0.00       | 0.0      | 0.000       | 0.139       | 21.8       | 41        | 0.05 | 1346         | 1          | 98.4          | 60           |
| 25/08/07 | 3:00  | 0.00       | 0.0      | 0.000       | 0.118       | 21.2       | 41        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 25/08/07 | 4:00  | 0.00       | 0.0      | 0.000       | 0.155       | 21.7       | 41        | 0.05 | 1346         | 1          | 98.4          | 60           |
| 25/08/07 | 5:00  | 0.00       | 0.0      | 0.000       | 0.190       | 22.3       | 41        | 0.08 | 1345         | 1          | 98.3          | 60           |
| 25/08/07 | 6:00  | 0.00       | 0.0      | 0.000       | 0.206       | 23.2       | 41        | 0.10 | 1345         | 1          | 98.3          | 60           |
| 25/08/07 | 7:00  | 0.00       | 0.0      | 0.000       | 0.229       | 23.9       | 41        | 0.10 | 1345         | 1          | 98.3          | 60           |
| 25/08/07 | 8:00  | 0.00       | 0.0      | 0.000       | 0.208       | 24.1       | 40        | 0.10 | 1344         | 1          | 98.2          | 60           |
| 25/08/07 | 9:00  | 0.17       | 0.6      | 0.000       | 0.183       | 25.1       | 36        | 0.15 | 1345         | 1          | 98.3          | 60           |
| 25/08/07 | 10:00 | 0.30       | 0.9      | 0.000       | 0.243       | 28.4       | 34        | 0.25 | 1344         | 1          | 98.2          | 60           |
| 25/08/07 | 11:00 | 0.34       | 1.1      | 0.000       | 0.271       | 29.5       | 32        | 0.28 | 1343         | 1          | 98.2          | 60           |
| 25/08/07 | 12:00 | 0.51       | 1.4      | 0.000       | 0.322       | 31.3       | 31        | 0.28 | 1346         | 1          | 98.4          | 60           |
| 25/08/07 | 13:00 | 0.81       | 2.2      | 0.000       | 0.394       | 34.1       | 30        | 0.41 | 1347         | 1          | 98.5          | 60           |
| 25/08/07 | 14:00 | 0.77       | 2.2      | 0.000       | 0.431       | 35.3       | 30        | 0.41 | 1343         | 1          | 98.2          | 60           |
| 25/08/07 | 15:00 | 0.56       | 1.6      | 0.000       | 0.454       | 35.9       | 30        | 0.36 | 1345         | 1          | 98.3          | 60           |
| 25/08/07 | 16:00 | 0.43       | 1.3      | 0.000       | 0.477       | 36.0       | 30        | 0.36 | 1344         | 1          | 98.2          | 60           |
| 25/08/07 | 17:00 | 0.21       | 0.7      | 0.000       | 0.486       | 35.4       | 32        | 0.23 | 1344         | 1          | 98.2          | 60           |
| 25/08/07 | 18:00 | 0.04       | 0.3      | 0.000       | 0.431       | 32.8       | 37        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 25/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.310       | 28.1       | 40        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 25/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.271       | 25.7       | 41        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 25/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.266       | 25.3       | 41        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 25/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.245       | 25.0       | 41        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 25/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.183       | 24.0       | 41        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 26/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.139       | 23.1       | 42        | 0.03 | 1346         | 1          | 98.4          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 26/08/07 | 1:00  | 0.00       | 0.0      | 0.000       | 0.106       | 22.3       | 42        | 0.03 | 1342         | 1          | 98.1          | 60           |
| 26/08/07 | 2:00  | 0.00       | 0.0      | 0.000       | 0.049       | 21.0       | 42        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 26/08/07 | 3:00  | 0.00       | 0.0      | 0.000       | 0.046       | 20.1       | 43        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 26/08/07 | 4:00  | 0.00       | 0.0      | 0.000       | 0.150       | 21.1       | 43        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 26/08/07 | 5:00  | 0.00       | 0.0      | 0.000       | 0.183       | 22.4       | 43        | 0.05 | 1349         | 1          | 98.6          | 60           |
| 26/08/07 | 6:00  | 0.00       | 0.0      | 0.000       | 0.093       | 21.9       | 43        | 0.03 | 1347         | 1          | 98.5          | 60           |
| 26/08/07 | 7:00  | 0.00       | 0.0      | 0.000       | 0.097       | 21.2       | 43        | 0.03 | 1343         | 1          | 98.2          | 60           |
| 26/08/07 | 8:00  | 0.00       | 0.0      | 0.000       | 0.088       | 21.3       | 43        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 26/08/07 | 9:00  | 0.00       | 0.0      | 0.000       | 0.074       | 21.3       | 44        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 26/08/07 | 10:00 | 0.13       | 0.6      | 0.000       | 0.074       | 21.8       | 41        | 0.08 | 1342         | 1          | 98.1          | 60           |
| 26/08/07 | 11:00 | 0.13       | 0.7      | 0.000       | 0.083       | 23.1       | 42        | 0.08 | 1345         | 1          | 98.3          | 60           |
| 26/08/07 | 12:00 | 0.09       | 0.3      | 0.000       | 0.051       | 21.4       | 43        | 0.05 | 1345         | 1          | 98.3          | 60           |
| 26/08/07 | 13:00 | 0.21       | 0.8      | 0.000       | 0.056       | 21.8       | 40        | 0.10 | 1343         | 1          | 98.2          | 60           |
| 26/08/07 | 14:00 | 0.77       | 2.3      | 0.000       | 0.125       | 26.3       | 31        | 0.30 | 1346         | 1          | 98.4          | 60           |
| 26/08/07 | 15:00 | 0.73       | 2.0      | 0.000       | 0.208       | 30.4       | 30        | 0.30 | 1344         | 1          | 98.2          | 60           |
| 26/08/07 | 16:00 | 0.39       | 1.5      | 0.000       | 0.208       | 30.5       | 36        | 0.20 | 1345         | 1          | 98.3          | 60           |
| 26/08/07 | 17:00 | 0.09       | 0.5      | 0.000       | 0.086       | 25.4       | 40        | 0.10 | 1343         | 1          | 98.2          | 60           |
| 26/08/07 | 18:00 | 0.00       | 0.0      | 0.000       | 0.005       | 21.6       | 42        | 0.05 | 1346         | 1          | 98.4          | 60           |
| 26/08/07 | 19:00 | 0.00       | 0.0      | 0.037       | 0.000       | 19.9       | 43        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 26/08/07 | 20:00 | 0.00       | 0.0      | 0.065       | 0.000       | 18.8       | 44        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 26/08/07 | 21:00 | 0.00       | 0.0      | 0.088       | 0.000       | 17.9       | 44        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 26/08/07 | 22:00 | 0.00       | 0.0      | 0.104       | 0.000       | 17.4       | 45        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 26/08/07 | 23:00 | 0.00       | 0.0      | 0.125       | 0.000       | 16.9       | 45        | 0.03 | 1348         | 1          | 98.5          | 60           |
| 27/08/07 | 00:00 | 0.00       | 0.0      | 0.139       | 0.000       | 16.4       | 45        | 0.03 | 1346         | 1          | 98.4          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 27/08/07 | 1:00  | 0.00       | 0.0      | 0.155       | 0.000       | 16.1       | 45        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 27/08/07 | 2:00  | 0.00       | 0.0      | 0.164       | 0.000       | 15.7       | 46        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 27/08/07 | 3:00  | 0.00       | 0.0      | 0.183       | 0.000       | 15.2       | 46        | 0.03 | 1347         | 1          | 98.5          | 60           |
| 27/08/07 | 4:00  | 0.00       | 0.0      | 0.197       | 0.000       | 14.8       | 46        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 27/08/07 | 5:00  | 0.00       | 0.0      | 0.206       | 0.000       | 14.3       | 46        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 27/08/07 | 6:00  | 0.00       | 0.0      | 0.204       | 0.000       | 14.3       | 46        | 0.03 | 1343         | 1          | 98.2          | 60           |
| 27/08/07 | 7:00  | 0.00       | 0.0      | 0.236       | 0.000       | 14.0       | 46        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 27/08/07 | 8:00  | 0.00       | 0.0      | 0.245       | 0.000       | 13.4       | 45        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 27/08/07 | 9:00  | 0.17       | 0.6      | 0.197       | 0.000       | 16.4       | 39        | 0.13 | 1345         | 1          | 98.3          | 60           |
| 27/08/07 | 10:00 | 0.43       | 1.4      | 0.157       | 0.000       | 19.8       | 33        | 0.20 | 1344         | 1          | 98.2          | 60           |
| 27/08/07 | 11:00 | 0.43       | 1.7      | 0.118       | 0.000       | 21.5       | 38        | 0.15 | 1345         | 1          | 98.3          | 60           |
| 27/08/07 | 12:00 | 0.73       | 2.3      | 0.093       | 0.000       | 21.3       | 34        | 0.20 | 1346         | 1          | 98.4          | 60           |
| 27/08/07 | 13:00 | 1.29       | 3.6      | 0.012       | 0.000       | 25.8       | 29        | 0.33 | 1344         | 1          | 98.2          | 60           |
| 27/08/07 | 14:00 | 1.16       | 3.7      | 0.000       | 0.002       | 27.5       | 30        | 0.33 | 1346         | 1          | 98.4          | 60           |
| 27/08/07 | 15:00 | 0.60       | 2.1      | 0.051       | 0.000       | 25.2       | 35        | 0.20 | 1342         | 1          | 98.1          | 60           |
| 27/08/07 | 16:00 | 0.21       | 0.8      | 0.120       | 0.000       | 20.8       | 40        | 0.08 | 1346         | 1          | 98.4          | 60           |
| 27/08/07 | 17:00 | 0.00       | 0.0      | 0.164       | 0.000       | 17.9       | 42        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 27/08/07 | 18:00 | 0.00       | 0.0      | 0.257       | 0.000       | 15.4       | 43        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 27/08/07 | 19:00 | 0.00       | 0.0      | 0.310       | 0.000       | 12.6       | 46        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 27/08/07 | 20:00 | 0.00       | 0.0      | 0.310       | 0.000       | 11.6       | 46        | 0.00 | 1349         | 1          | 98.6          | 60           |
| 27/08/07 | 21:00 | 0.00       | 0.0      | 0.306       | 0.000       | 11.8       | 46        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 27/08/07 | 22:00 | 0.00       | 0.0      | 0.310       | 0.000       | 11.7       | 47        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 27/08/07 | 23:00 | 0.00       | 0.0      | 0.303       | 0.000       | 11.7       | 47        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 28/08/07 | 00:00 | 0.00       | 0.0      | 0.299       | 0.000       | 11.7       | 47        | 0.00 | 1345         | 1          | 98.3          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 28/08/07 | 1:00  | 0.00       | 0.0      | 0.310       | 0.000       | 11.6       | 47        | 0.00 | 1342         | 1          | 98.1          | 60           |
| 28/08/07 | 2:00  | 0.00       | 0.0      | 0.317       | 0.000       | 11.4       | 47        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 28/08/07 | 3:00  | 0.00       | 0.0      | 0.308       | 0.000       | 11.4       | 48        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 28/08/07 | 4:00  | 0.00       | 0.0      | 0.308       | 0.000       | 11.5       | 48        | 0.00 | 1309         | 1          | 95.7          | 60           |
| 28/08/07 | 5:00  | 0.00       | 0.0      | 0.296       | 0.000       | 11.7       | 48        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 28/08/07 | 6:00  | 0.00       | 0.0      | 0.303       | 0.000       | 11.8       | 48        | 0.00 | 1347         | 1          | 98.5          | 60           |
| 28/08/07 | 7:00  | 0.00       | 0.0      | 0.292       | 0.000       | 11.8       | 48        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 28/08/07 | 8:00  | 0.00       | 0.0      | 0.278       | 0.000       | 12.2       | 48        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 28/08/07 | 9:00  | 0.00       | 0.0      | 0.275       | 0.000       | 12.4       | 48        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 28/08/07 | 10:00 | 0.00       | 0.3      | 0.259       | 0.000       | 12.8       | 48        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 28/08/07 | 11:00 | 0.00       | 0.0      | 0.231       | 0.000       | 13.4       | 48        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 28/08/07 | 12:00 | 0.04       | 0.4      | 0.227       | 0.000       | 13.8       | 48        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 28/08/07 | 13:00 | 0.13       | 0.5      | 0.211       | 0.000       | 14.3       | 47        | 0.05 | 1308         | 1          | 95.6          | 60           |
| 28/08/07 | 14:00 | 0.09       | 0.4      | 0.194       | 0.000       | 14.9       | 48        | 0.03 | 1347         | 1          | 98.5          | 60           |
| 28/08/07 | 15:00 | 0.04       | 0.4      | 0.183       | 0.000       | 15.1       | 48        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 28/08/07 | 16:00 | 0.00       | 0.3      | 0.185       | 0.000       | 15.0       | 48        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 28/08/07 | 17:00 | 0.00       | 0.0      | 0.211       | 0.000       | 14.2       | 49        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 28/08/07 | 18:00 | 0.00       | 0.0      | 0.220       | 0.000       | 13.8       | 49        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 28/08/07 | 19:00 | 0.00       | 0.0      | 0.222       | 0.000       | 13.6       | 50        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 28/08/07 | 20:00 | 0.00       | 0.0      | 0.220       | 0.000       | 13.6       | 52        | 0.00 | 1341         | 1          | 98.0          | 60           |
| 28/08/07 | 21:00 | 0.00       | 0.0      | 0.227       | 0.000       | 13.6       | 53        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 28/08/07 | 22:00 | 0.00       | 0.0      | 0.250       | 0.000       | 13.1       | 54        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 28/08/07 | 23:00 | 0.00       | 0.0      | 0.250       | 0.000       | 12.9       | 55        | 0.00 | 1309         | 1          | 95.7          | 60           |
| 29/08/07 | 00:00 | 0.00       | 0.0      | 0.238       | 0.000       | 13.1       | 56        | 0.00 | 1343         | 1          | 98.2          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 29/08/07 | 1:00  | 0.00       | 0.0      | 0.234       | 0.000       | 13.2       | 57        | 0.00 | 1342         | 1          | 98.1          | 60           |
| 29/08/07 | 2:00  | 0.00       | 0.0      | 0.236       | 0.000       | 13.2       | 58        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 29/08/07 | 3:00  | 0.00       | 0.0      | 0.231       | 0.000       | 13.2       | 58        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 29/08/07 | 4:00  | 0.00       | 0.0      | 0.218       | 0.000       | 13.5       | 59        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 29/08/07 | 5:00  | 0.00       | 0.0      | 0.213       | 0.000       | 13.6       | 59        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 29/08/07 | 6:00  | 0.00       | 0.0      | 0.199       | 0.000       | 13.8       | 60        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 29/08/07 | 7:00  | 0.00       | 0.0      | 0.185       | 0.000       | 14.2       | 61        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 29/08/07 | 8:00  | 0.00       | 0.3      | 0.169       | 0.000       | 14.7       | 61        | 0.03 | 1343         | 1          | 98.2          | 60           |
| 29/08/07 | 9:00  | 0.09       | 0.3      | 0.134       | 0.000       | 15.8       | 61        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 29/08/07 | 10:00 | 0.17       | 0.9      | 0.123       | 0.000       | 16.4       | 58        | 0.05 | 1344         | 1          | 98.2          | 60           |
| 29/08/07 | 11:00 | 0.69       | 2.2      | 0.060       | 0.000       | 19.6       | 48        | 0.15 | 1345         | 1          | 98.3          | 60           |
| 29/08/07 | 12:00 | 0.81       | 3.6      | 0.002       | 0.000       | 23.2       | 47        | 0.15 | 1347         | 1          | 98.5          | 60           |
| 29/08/07 | 13:00 | 1.54       | 5.2      | 0.000       | 0.076       | 27.3       | 44        | 0.30 | 1344         | 1          | 98.2          | 60           |
| 29/08/07 | 14:00 | 1.11       | 4.0      | 0.000       | 0.134       | 28.3       | 47        | 0.23 | 1342         | 1          | 98.1          | 60           |
| 29/08/07 | 15:00 | 0.86       | 2.6      | 0.000       | 0.139       | 27.5       | 49        | 0.20 | 1346         | 1          | 98.4          | 60           |
| 29/08/07 | 16:00 | 0.51       | 2.2      | 0.000       | 0.132       | 26.6       | 51        | 0.18 | 1343         | 1          | 98.2          | 60           |
| 29/08/07 | 17:00 | 0.26       | 1.2      | 0.000       | 0.137       | 25.9       | 54        | 0.15 | 1345         | 1          | 98.3          | 60           |
| 29/08/07 | 18:00 | 0.00       | 0.3      | 0.000       | 0.120       | 24.0       | 59        | 0.08 | 1346         | 1          | 98.4          | 60           |
| 29/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.093       | 22.4       | 60        | 0.00 | 1345         | 1          | 98.3          | 60           |
| 29/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.060       | 21.3       | 61        | 0.00 | 1309         | 1          | 95.7          | 60           |
| 29/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.037       | 20.5       | 62        | 0.00 | 1307         | 1          | 95.5          | 60           |
| 29/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.023       | 20.1       | 62        | 0.00 | 1307         | 1          | 95.5          | 60           |
| 29/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.005       | 19.6       | 61        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 30/08/07 | 00:00 | 0.00       | 0.0      | 0.002       | 0.000       | 19.1       | 62        | 0.03 | 1345         | 1          | 98.3          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 30/08/07 | 1:00  | 0.00       | 0.0      | 0.005       | 0.000       | 19.2       | 63        | 0.03 | 1343         | 1          | 98.2          | 60           |
| 30/08/07 | 2:00  | 0.00       | 0.0      | 0.021       | 0.000       | 18.9       | 63        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 30/08/07 | 3:00  | 0.00       | 0.0      | 0.037       | 0.000       | 18.4       | 63        | 0.03 | 1343         | 1          | 98.2          | 60           |
| 30/08/07 | 4:00  | 0.00       | 0.0      | 0.065       | 0.000       | 17.8       | 64        | 0.03 | 1346         | 1          | 98.4          | 60           |
| 30/08/07 | 5:00  | 0.00       | 0.0      | 0.086       | 0.000       | 17.2       | 64        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 30/08/07 | 6:00  | 0.00       | 0.0      | 0.109       | 0.000       | 16.4       | 65        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 30/08/07 | 7:00  | 0.00       | 0.0      | 0.106       | 0.000       | 16.3       | 65        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 30/08/07 | 8:00  | 0.00       | 0.3      | 0.095       | 0.000       | 16.6       | 64        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 30/08/07 | 9:00  | 0.26       | 0.9      | 0.053       | 0.000       | 18.6       | 59        | 0.10 | 1345         | 1          | 98.3          | 60           |
| 30/08/07 | 10:00 | 0.56       | 2.1      | 0.000       | 0.009       | 22.3       | 50        | 0.20 | 1344         | 1          | 98.2          | 60           |
| 30/08/07 | 11:00 | 0.99       | 2.7      | 0.000       | 0.088       | 26.6       | 46        | 0.30 | 1346         | 1          | 98.4          | 60           |
| 30/08/07 | 12:00 | 1.37       | 4.1      | 0.000       | 0.144       | 28.3       | 43        | 0.30 | 1345         | 1          | 98.3          | 60           |
| 30/08/07 | 13:00 | 1.63       | 4.2      | 0.000       | 0.222       | 31.4       | 44        | 0.41 | 1345         | 1          | 98.3          | 60           |
| 30/08/07 | 14:00 | 1.29       | 3.7      | 0.000       | 0.264       | 31.7       | 44        | 0.36 | 1346         | 1          | 98.4          | 60           |
| 30/08/07 | 15:00 | 1.20       | 3.4      | 0.000       | 0.310       | 33.3       | 44        | 0.41 | 1346         | 1          | 98.4          | 60           |
| 30/08/07 | 16:00 | 0.69       | 2.0      | 0.000       | 0.319       | 33.3       | 45        | 0.25 | 1346         | 1          | 98.4          | 60           |
| 30/08/07 | 17:00 | 0.30       | 1.1      | 0.000       | 0.343       | 33.0       | 47        | 0.20 | 1309         | 1          | 95.7          | 60           |
| 30/08/07 | 18:00 | 0.04       | 0.4      | 0.000       | 0.301       | 30.4       | 54        | 0.10 | 1343         | 1          | 98.2          | 60           |
| 30/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.178       | 25.8       | 58        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 30/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.095       | 22.7       | 59        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 30/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.086       | 21.6       | 60        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 30/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.076       | 21.6       | 60        | 0.03 | 1347         | 1          | 98.5          | 60           |
| 30/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.074       | 21.1       | 61        | 0.03 | 1344         | 1          | 98.2          | 60           |
| 31/08/07 | 00:00 | 0.00       | 0.0      | 0.000       | 0.079       | 21.0       | 60        | 0.03 | 1343         | 1          | 98.2          | 60           |

| Date     | Time  | UV<br>Dose | Hi<br>UV | Heat<br>D-D | Cool<br>D-D | In<br>Temp | In<br>Hum | ET   | Wind<br>Samp | Wind<br>Tx | ISS<br>Recept | Arc.<br>Int. |
|----------|-------|------------|----------|-------------|-------------|------------|-----------|------|--------------|------------|---------------|--------------|
| 31/08/07 | 1:00  | 0.00       | 0.0      | 0.000       | 0.056       | 20.6       | 60        | 0.03 | 1345         | 1          | 98.3          | 60           |
| 31/08/07 | 2:00  | 0.00       | 0.0      | 0.000       | 0.021       | 19.8       | 61        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 31/08/07 | 3:00  | 0.00       | 0.0      | 0.021       | 0.000       | 18.9       | 61        | 0.03 | 1308         | 1          | 95.6          | 60           |
| 31/08/07 | 4:00  | 0.00       | 0.0      | 0.086       | 0.000       | 17.6       | 61        | 0.00 | 1346         | 1          | 98.4          | 60           |
| 31/08/07 | 5:00  | 0.00       | 0.0      | 0.097       | 0.000       | 16.9       | 62        | 0.00 | 1269         | 1          | 92.8          | 60           |
| 31/08/07 | 6:00  | 0.00       | 0.0      | 0.109       | 0.000       | 16.7       | 62        | 0.00 | 1344         | 1          | 98.2          | 60           |
| 31/08/07 | 7:00  | 0.00       | 0.0      | 0.123       | 0.000       | 16.3       | 62        | 0.00 | 1343         | 1          | 98.2          | 60           |
| 31/08/07 | 8:00  | 0.00       | 0.3      | 0.104       | 0.000       | 16.7       | 62        | 0.05 | 1308         | 1          | 95.6          | 60           |
| 31/08/07 | 9:00  | 0.26       | 1.0      | 0.000       | 0.035       | 20.7       | 55        | 0.13 | 1347         | 1          | 98.5          | 60           |
| 31/08/07 | 10:00 | 0.60       | 2.0      | 0.000       | 0.134       | 26.4       | 46        | 0.25 | 1308         | 1          | 95.6          | 60           |
| 31/08/07 | 11:00 | 1.11       | 3.2      | 0.000       | 0.206       | 30.5       | 41        | 0.38 | 1344         | 1          | 98.2          | 60           |
| 31/08/07 | 12:00 | 1.59       | 4.0      | 0.000       | 0.259       | 32.8       | 41        | 0.43 | 1343         | 1          | 98.2          | 60           |
| 31/08/07 | 13:00 | 1.76       | 4.2      | 0.000       | 0.331       | 34.4       | 43        | 0.46 | 1346         | 1          | 98.4          | 60           |
| 31/08/07 | 14:00 | 1.63       | 4.1      | 0.000       | 0.398       | 35.8       | 44        | 0.43 | 1343         | 1          | 98.2          | 60           |
| 31/08/07 | 15:00 | 1.24       | 3.4      | 0.000       | 0.456       | 37.1       | 45        | 0.41 | 1346         | 1          | 98.4          | 60           |
| 31/08/07 | 16:00 | 0.73       | 2.3      | 0.000       | 0.479       | 37.3       | 46        | 0.30 | 1344         | 1          | 98.2          | 60           |
| 31/08/07 | 17:00 | 0.34       | 1.2      | 0.000       | 0.465       | 36.5       | 47        | 0.20 | 1345         | 1          | 98.3          | 60           |
| 31/08/07 | 18:00 | 0.09       | 0.4      | 0.000       | 0.435       | 34.2       | 53        | 0.10 | 1345         | 1          | 98.3          | 60           |
| 31/08/07 | 19:00 | 0.00       | 0.0      | 0.000       | 0.255       | 28.4       | 58        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 31/08/07 | 20:00 | 0.00       | 0.0      | 0.000       | 0.187       | 24.6       | 61        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 31/08/07 | 21:00 | 0.00       | 0.0      | 0.000       | 0.171       | 23.7       | 61        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 31/08/07 | 22:00 | 0.00       | 0.0      | 0.000       | 0.164       | 23.2       | 61        | 0.05 | 1343         | 1          | 98.2          | 60           |
| 31/08/07 | 23:00 | 0.00       | 0.0      | 0.000       | 0.157       | 23.1       | 61        | 0.05 | 1341         | 1          | 98.0          | 60           |
| 1/09/07  | 00:00 | 0.00       | 0.0      | 0.000       | 0.144       | 22.9       | 61        | 0.05 | 1347         | 1          | 98.5          | 60           |