



# **Annual Climatological Network Datasheet *for* England, Wales & Northern Ireland**

# **1996**

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## Summary of daily observations

1990

| District<br>Region/<br>County<br>and Place | Height of station<br>above MSL (metres) | Air temperature (degrees C) |             |                               |                                       |              |             | Mean soil temp. |                | Rainfall (09 to 09 GMT) |                                     |                |                | Weather (number of days) |     |               |                  |      |                   |               |           |           |                            | Bright sunshine               |      |                    |                                     |          |
|--|---|-----------------------------|-------------|-------------------------------|---------------------------------------|--------------|-------------|-----------------|----------------|-------------------------|-------------------------------------|----------------|----------------|--------------------------|-----|---------------|------------------|------|-------------------|---------------|-----------|-----------|----------------------------|-------------------------------|------|--------------------|-------------------------------------|----------|
|  |   | Means of                    |             | Daily mean<br>(mean of A + B) | Difference from<br>1961 - 90 average* | Highest Max. | Lowest Min. | 30 cm (deg C)   | 100 cm (deg C) | Total fall (mm)         | Percentage of<br>1961 - 90 average* | Most in a day  |                | Precipitation            |     | Snow or sleet | Snow lying at 9h | Hail | Ice pellets, etc. | Thunder heard | Fog at 9h | Air frost | Grass min. below 0 (deg C) | Concrete min. below 0 (deg C) | Gale | Daily mean (hours) | Percentage of<br>1961 - 90 average* | Exposure |
|  |   | Maximum (A)                 | Minimum (B) |                               |                                       |              |             |                 |                |                         |                                     | 0.2 mm or more | 1.0 mm or more |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| 2 ENGLAND E & NE                           |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Northumberland                             |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Cheawick                                   | 30                                      | 11.3                        | 5.0         | 8.1                           | -                                     | 27.5         | -5.5        | -               | -              | 499                     | -                                   | 24             | 30 Apr         | 170                      | 109 | 17            | 12               | 0    | 5                 | 3             | 1         | 47        | 95                         | -                             | 1    | -                  | -                                   | -        |
| Cockle Park                                | 99                                      | 11.5                        | 5.0         | 8.3                           | 0.2                                   | 28.9         | -3.7        | 8.4             | -              | 589                     | 83                                  | 35             | 30 Apr         | 194                      | 127 | 13            | 14               | 0    | 4                 | 0             | 5         | 46        | 118                        | -                             | 2    | 3.90               | -                                   | -        |
| Haydon Bridge                              | 82                                      | 12.4                        | 4.7         | 8.6                           | 0.2                                   | 28.1         | -6.5        | 9.1             | -              | 623                     | 97                                  | 27             | 20 Aug         | 186                      | 122 | 24            | 12               | 0    | 7                 | 7             | 4         | 63        | -                          | -                             | 4    | -                  | -                                   | -        |
| Kielder Castle                             | 201                                     | 10.8                        | 3.1         | 7.0                           | 0.1                                   | 25.1         | -10.3       | 8.6             | -              | 1172                    | 91                                  | 33             | 18 Dec         | 217                      | 163 | 31            | 56               | 4    | 0                 | 3             | 14        | 103       | 185                        | -                             | 0    | -                  | -                                   | -        |
| Redesdale                                  | 235                                     | 10.3                        | 3.4         | 6.8                           | 0.0                                   | 25.7         | -7.9        | 7.8             | -              | 693                     | 79                                  | 27             | 30 Apr         | 208                      | 128 | 3             | 34               | -    | -                 | -             | 13        | 89        | 156                        | -                             | 0    | 3.35               | 93                                  | -        |
| Wallington                                 | 152                                     | 11.1                        | 4.1         | 7.6                           | -                                     | 27.7         | -7.1        | -               | -              | 598                     | -                                   | 37             | 30 Apr         | 191                      | 119 | 33            | 28               | 3    | 2                 | 5             | 14        | 78        | 140                        | -                             | 1    | -                  | -                                   | -        |
| Tyne & Wear                                |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| South Shields                              | 5                                       | 12.0                        | 6.3         | 9.1                           | -                                     | 28.2         | -3.2        | -               | -              | 496                     | -                                   | 34             | 11 Feb         | 179                      | 107 | 30            | 6                | 10   | 10                | 6             | 8         | 32        | -                          | -                             | 12   | -                  | -                                   | -        |
| Sunderland University                      | 56                                      | 12.0                        | 6.8         | 9.4                           | -                                     | 30.0         | -2.7        | -               | -              | 467                     | -                                   | 28             | 11 Feb         | 165                      | 100 | 20            | 13               | 0    | 9                 | 2             | 8         | 23        | -                          | 47                            | 0    | 4.09               | -                                   | -        |
| Durham                                     |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Copley                                     | 253                                     | 10.5                        | 3.7         | 7.1                           | -                                     | 27.0         | -6.9        | 8.6             | 8.7            | 757                     | -                                   | 30             | 20 Aug         | 194                      | 125 | 83            | 62               | 2    | 0                 | 4             | 39        | 93        | 158                        | 99                            | 4    | -                  | -                                   | -        |
| Durham                                     | 102                                     | 11.9                        | 4.7         | 8.3                           | -0.2                                  | 29.0         | -4.3        | 9.3             | 9.9            | 522                     | 80                                  | 22             | 23 Jul         | 165                      | 105 | 1             | 17               | 0    | 0                 | 0             | 17        | 70        | 113                        | -                             | 0    | 3.68               | 101                                 | S        |
| High Westwood                              | 157                                     | 11.3                        | 4.8         | 8.1                           | -                                     | 28.7         | -5.5        | -               | -              | 593                     | -                                   | 27             | 11 Feb         | 191                      | 126 | 18            | 19               | 0    | 7                 | 2             | 29        | 63        | 90                         | -                             | 0    | -                  | -                                   | -        |
| Hunt Hall Farm                             | 370                                     | 9.4                         | 3.0         | 6.2                           | -                                     | 25.4         | -9.6        | 7.3             | -              | 1012                    | -                                   | 40             | 11 Nov         | 232                      | 158 | 38            | 84               | 0    | 0                 | 1             | 25        | 111       | 147                        | -                             | 0    | 3.61               | -                                   | -        |
| Westgate                                   | 335                                     | 10.1                        | 3.7         | 6.9                           | -                                     | 26.4         | -8.7        | -               | -              | 904                     | -                                   | 37             | 11 Nov         | 210                      | 148 | 86            | 63               | 2    | 4                 | 5             | 35        | 105       | 137                        | -                             | 1    | -                  | -                                   | -        |
| Wycliffe Hall                              | 120                                     | 12.0                        | 4.3         | 8.1                           | -                                     | 27.1         | -6.5        | -               | -              | 529                     | -                                   | 27             | 18 Dec         | 149                      | 97  | 24            | 24               | 0    | 0                 | 0             | 1         | 52        | 23                         | -                             | 0    | -                  | -                                   | -        |
| Cleveland                                  |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Carlton-in-Cleveland                       | 103                                     | 12.0                        | 5.4         | 8.7                           | -                                     | 30.3         | -4.9        | 9.3             | -              | 578                     | -                                   | 28             | 11 Feb         | 164                      | 113 | 58            | 24               | 0    | 10                | 10            | 5         | 59        | 108                        | -                             | 0    | -                  | -                                   | -        |
| North Yorkshire                            |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Asklham Bryan                              | 33                                      | 12.5                        | 5.2         | 8.9                           | 0.0                                   | 30.9         | -6.5        | -               | -              | 554                     | 89                                  | 42             | 18 Dec         | 166                      | 114 | 8             | 16               | 0    | 1                 | 1             | 25        | 59        | 145                        | -                             | 0    | 3.63               | 99                                  | S        |
| Aughton Ruddings                           | 8                                       | 10.7                        | 3.3         | 7.0                           | -                                     | 23.0         | -5.0        | -               | -              | 423                     | -                                   | 22             | 19 Nov         | 135                      | 85  | 0             | 2                | 0    | 0                 | 0             | 22        | 58        | 107                        | -                             | 0    | -                  | -                                   | -        |
| Bainbridge                                 | 210                                     | 11.2                        | 4.2         | 7.7                           | -                                     | 27.5         | -7.0        | -               | -              | 916                     | -                                   | 33             | 5 Nov          | 205                      | 151 | 38            | 36               | 0    | 1                 | 3             | 12        | 69        | 137                        | -                             | 3    | -                  | -                                   | -        |
| Cawood                                     | 6                                       | 12.6                        | 5.1         | 8.8                           | -0.1                                  | 31.1         | -4.7        | 9.6             | 10.0           | 459                     | 77                                  | 30             | 18 Dec         | 160                      | 93  | 20            | 9                | 0    | 3                 | 4             | 19        | 58        | 115                        | -                             | 0    | 3.78               | 104                                 | -        |
| Harrogate, Bilton                          | 66                                      | 12.2                        | 4.9         | 8.5                           | 0.1                                   | 31.0         | -6.0        | -               | -              | 657                     | 90                                  | 28             | 18 Dec         | 187                      | 128 | 12            | 69               | 0    | 0                 | 0             | 8         | 65        | 94                         | -                             | 2    | 2.96               | 80                                  | S        |
| High Mowthorpe                             | 175                                     | 10.9                        | 4.6         | 7.8                           | -0.2                                  | 29.4         | -4.8        | 8.5             | -              | 607                     | 82                                  | 27             | 19 Dec         | 187                      | 123 | 24            | 21               | 0    | 7                 | 3             | 39        | 83        | 129                        | -                             | 0    | 3.90               | 105                                 | -        |
| Kirby Misperton                            | 22                                      | 12.3                        | 4.4         | 8.3                           | -                                     | 30.2         | -6.5        | -               | -              | 489                     | -                                   | 26             | 6 Aug          | 176                      | 108 | 21            | 15               | 1    | 5                 | 8             | 29        | 72        | 139                        | -                             | 0    | -                  | -                                   | -        |
| Malham Tarn                                | 381                                     | 9.5                         | 3.6         | 6.6                           | -0.1                                  | 24.7         | -7.8        | 7.5             | -              | 1222                    | 82                                  | 32             | 28 Sep         | 218                      | 167 | 34            | 57               | 5    | 0                 | 3             | 36        | 111       | 139                        | -                             | 0    | 3.06               | 95                                  | S        |
| Scarborough                                | 110                                     | 11.2                        | 5.9         | 8.6                           | -                                     | 28.3         | -3.4        | 9.1             | 9.3            | 558                     | -                                   | 27             | 21 Aug         | 178                      | 114 | 20            | 13               | 2    | 10                | 7             | 25        | 37        | -                          | -                             | 3    | 4.09               | -                                   | -        |
| Whitby                                     | 41                                      | 11.9                        | 6.1         | 9.0                           | (0.1)                                 | 29.8         | -5.0        | 9.6             | 9.7            | 526                     | 84                                  | 28             | 5 Dec          | 170                      | 109 | 35            | 16               | 23   | 12                | 10            | 9         | 38        | 95                         | -                             | 15   | 3.96               | 98                                  | S        |
| Humberside                                 |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Hull                                       | 2                                       | 13.0                        | 5.9         | 9.5                           | -0.2                                  | 30.3         | -3.4        | 10.1            | 8.8            | 609                     | 92                                  | 30             | 6 Aug          | 157                      | 112 | 8             | 9                | 0    | 0                 | 1             | 0         | 44        | 99                         | -                             | 3    | -                  | -                                   | S        |
| Normanby Hall                              | 47                                      | 12.3                        | 5.2         | 8.8                           | -                                     | 30.7         | -4.1        | -               | -              | 521                     | -                                   | 49             | 23 Jul         | 155                      | 94  | 19            | 22               | 3    | 0                 | 6             | 26        | 66        | 119                        | -                             | 0    | -                  | -                                   | S        |
| Lincolnshire                               |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Bourne                                     | 3                                       | 12.6                        | 3.9         | 8.2                           | -                                     | 32.2         | -8.0        | -               | -              | 412                     | -                                   | 22             | 19 Nov         | 137                      | 88  | 16            | 8                | 0    | 0                 | 8             | 16        | 75        | 0                          | -                             | 0    | -                  | -                                   | -        |
| Drby                                       | 41                                      | 12.4                        | 3.6         | 8.0                           | -0.8                                  | 30.5         | -8.0        | -               | -              | 577                     | 83                                  | 37             | 19 Dec         | 147                      | 98  | -             | 7                | -    | -                 | -             | 90        | -         | -                          | -                             | -    | -                  | -                                   | -        |
| Kirton                                     | 4                                       | 12.8                        | 5.2         | 9.0                           | -0.2                                  | 31.9         | -5.9        | 9.6             | 9.9            | 423                     | 75                                  | 24             | 19 Nov         | 131                      | 93  | 13            | 10               | 2    | 3                 | 9             | 16        | 68        | 139                        | -                             | 2    | 4.48               | 108                                 | -        |
| Skegness                                   | 5                                       | 12.2                        | 6.4         | 9.3                           | (-0.1)                                | 28.6         | -5.5        | -               | -              | 473                     | 79                                  | 23             | 19 Dec         | 135                      | 94  | 5             | 2                | -    | -                 | -             | 13        | 41        | -                          | -                             | 2    | 4.71               | 114                                 | -        |
| 3 EAST ANGLIA                              |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Norfolk                                    |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Cromer                                     | 54                                      | 12.0                        | 7.0         | 9.5                           | 0.0                                   | 32.1         | -4.3        | -               | -              | 445                     | 70                                  | 25             | 19 Nov         | 136                      | 86  | 22            | 6                | 0    | 6                 | 6             | 9         | 29        | 58                         | 46                            | 2    | 4.96               | 117                                 | -        |
| Denver                                     | 2                                       | 13.2                        | 5.3         | 9.3                           | -0.1                                  | 31.5         | -5.5        | 10.2            | 10.7           | 440                     | 76                                  | 22             | 8 Jan          | 133                      | 90  | 0             | 2                | 0    | 0                 | 0             | 19        | 67        | 0                          | -                             | 0    | 4.45               | 107                                 | S        |
| Ditchingham                                | 26                                      | 13.1                        | 5.0         | 9.1                           | -                                     | 32.8         | -6.8        | -               | -              | 478                     | -                                   | 37             | 28 Aug         | 145                      | 99  | 27            | 18               | 3    | 10                | 7             | 16        | 77        | 142                        | 0                             | 10   | -                  | -                                   | -        |
| Hunstanton                                 | 15                                      | 12.4                        | 6.4         | 9.4                           | -                                     | 31.6         | -5.5        | -               | -              | 485                     | -                                   | 26             | 11 Nov         | 138                      | 93  | 3             | 1                | 0    | 0                 | 2             | 0         | 47        | 0                          | -                             | 0    | 3.97               | -                                   | -        |
| Melton Constable                           | 54                                      | 12.4                        | 5.1         | 8.8                           | -                                     | 31.4         | -6.7        | -               | -              | 639                     | -                                   | 44             | 29 Aug         | 168                      | 113 | 12            | 10               | 0    | 0                 | 5             | 0         | 69        | 113                        | -                             | 4    | -                  | -                                   | -        |
| Morley St Botolph                          | 46                                      | 13.0                        | 4.9         | 9.0                           | -0.3                                  | 32.0         | -6.4        | 9.4             | -              | 537                     | 88                                  | 29             | 28 Aug         | 207                      | 107 | -             | -                | -    | -                 | -             | 76        | 112       | -                          | -                             | -    | -                  | -                                   | -        |

Figures in bold and *italics* indicate some missing data

\*Figures in parentheses indicate some estimates used in the averages



## Summary of daily observations

| District<br>Region/<br>County<br>and Place   | Height of station<br>above MSL (metres) | Air temperature (degrees C) |             |                               |                                       |              |             | Mean soil temp. |                | Rainfall (09 to 09 GMT) |                                     |               |                | Weather (number of days) |                |               |                  |      |                   |               |           |           |                            | Bright sunshine               |      |                    |                                     |          |
|--|---|-----------------------------|-------------|-------------------------------|---------------------------------------|--------------|-------------|-----------------|----------------|-------------------------|-------------------------------------|---------------|----------------|--------------------------|----------------|---------------|------------------|------|-------------------|---------------|-----------|-----------|----------------------------|-------------------------------|------|--------------------|-------------------------------------|----------|
|  |   | Means of                    |             | Daily mean<br>(mean of A + B) | Difference from<br>1961 - 90 average* | Highest Max. | Lowest Min. | 30 cm (deg C)   | 100 cm (deg C) | Total fall (mm)         | Percentage of<br>1961 - 90 average* | Most in a day |                | Precipitation            |                | Snow or sleet | Snow lying at 9h | Hail | Ice pellets, etc. | Thunder heard | Fog at 9h | Air frost | Grass min. below 0 (deg C) | Concrete min. below 0 (deg C) | Gale | Daily mean (hours) | Percentage of<br>1961 - 90 average* | Exposure |
|  |   | Maximum (A)                 | Minimum (B) |                               |                                       | Maximum      | Minimum     |                 |                |                         |                                     | Amount (mm)   | Date           | 0.2 mm or more           | 1.0 mm or more |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| 3 EAST ANGLIA - Continued                    |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |                |                          |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Norfolk - continued                          |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |                |                          |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| South Raynham                                | 68                                      | 12.5                        | 5.1         | 8.8                           | -                                     | 30.9         | -6.3        | -               | -              | 598                     | -                                   | 31            | 29 Aug         | 155                      | 103            | 14            | 14               | 0    | 2                 | 7             | 24        | 72        | 98                         | -                             | 3    | -                  | -                                   | -        |
| Terrington St Clement                        | 2                                       | 13.0                        | 5.3         | 9.1                           | -0.2                                  | 31.1         | -4.8        | 9.9             | -              | 478                     | 82                                  | 22            | 8 Jan          | 159                      | 94             | 12            | 8                | 0    | 0                 | 2             | 14        | 64        | 104                        | -                             | 0    | 4.52               | 113                                 | -        |
| Cambridgeshire                               |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |                |                          |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Boxworth                                     | 53                                      | 13.5                        | 4.7         | 9.1                           | (-0.3)                                | 33.2         | -6.6        | -               | -              | 422                     | 74                                  | 22            | 7 Jun          | 166                      | 88             | -             | -                | -    | -                 | -             | -         | 81        | -                          | -                             | -    | -                  | -                                   | -        |
| Cambridge                                    |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |                |                          |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Botanic Garden                               | 12                                      | 13.7                        | 5.2         | 9.4                           | -0.4                                  | 32.0         | -6.3        | 10.2            | 10.5           | 390                     | 71                                  | 20            | 7 Jun          | 126                      | 88             | 10            | 10               | 0    | 0                 | 2             | 11        | 75        | 115                        | -                             | 0    | -                  | -                                   | -        |
| National Institute of<br>Agricultural Botany | 24                                      | 13.5                        | 5.4         | 9.4                           | -0.4                                  | 31.8         | -6.9        | -               | -              | 378                     | 69                                  | 19            | 28 Aug         | 136                      | 85             | 16            | 7                | 0    | 2                 | 9             | 16        | 74        | 110                        | -                             | 1    | 4.09               | 100                                 | -        |
| March  | 2                                       | 13.8                        | 4.0         | 8.9                           | -0.9                                  | 32.2         | -8.5        | -               | -              | 430                     | 76                                  | 21            | 8 Jan          | 140                      | 90             | 0             | 8                | 0    | 0                 | 0             | -         | 92        | -                          | -                             | 0    | -                  | -                                   | -        |
| Marholm                                      | 21                                      | 13.6                        | 4.3         | 9.0                           | -0.3                                  | 32.6         | -8.9        | -               | -              | 421                     | 74                                  | 23            | 8 Jan          | 136                      | 88             | 7             | 8                | 0    | 0                 | 1             | 2         | 93        | 115                        | -                             | 0    | -                  | -                                   | -        |
| Mepal  | -2                                      | 13.6                        | 4.7         | 9.1                           | -0.2                                  | 31.8         | -7.2        | 10.9            | 12.0           | 435                     | 83                                  | 57            | 23 Jul         | 145                      | 85             | 1             | 3                | 0    | 0                 | 0             | 0         | 83        | 122                        | -                             | 0    | 4.88               | 121                                 | -        |
| Monks Wood                                   | 39                                      | 13.6                        | 4.8         | 9.2                           | (-0.1)                                | 32.4         | -6.2        | 10.2            | 10.4           | 455                     | 83                                  | 35            | 29 Jul         | 146                      | 85             | 6             | 11               | 0    | 0                 | 3             | 9         | 82        | 128                        | -                             | 0    | 4.58               | 116                                 | -        |
| Suffolk                                      |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |                |                          |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Brooms Barn                                  | 75                                      | 13.1                        | 5.1         | 9.1                           | (-0.4)                                | 31.3         | -6.0        | 10.0            | 10.4           | 480                     | 83                                  | 33            | 22 Aug         | 152                      | 94             | 9             | 6                | 1    | 2                 | 5             | 27        | 69        | 114                        | -                             | 0    | 4.74               | (114)                               | -        |
| Cavendish                                    | 55                                      | 13.3                        | 4.6         | 9.0                           | -0.3                                  | 31.0         | -6.1        | 10.2            | -              | 396                     | 70                                  | 19            | 22 Aug, 19 Nov | 134                      | 81             | 22            | 10               | 0    | 2                 | 10            | 21        | 79        | 118                        | -                             | 3    | 4.49               | 106                                 | -        |
| Charfield                                    | 49                                      | 12.9                        | 5.3         | 9.1                           | -                                     | 31.0         | -5.5        | -               | -              | 430                     | -                                   | 44            | 28 Aug         | 131                      | 85             | 15            | 16               | 0    | 2                 | 5             | 16        | 62        | 133                        | -                             | 1    | -                  | -                                   | -        |
| East Bergholt                                | 5                                       | 13.7                        | 4.9         | 9.3                           | -0.3                                  | 32.0         | -5.8        | -               | -              | 393                     | 69                                  | 37            | 28 Aug         | 121                      | 77             | 12            | 4                | 0    | 0                 | 8             | 13        | 75        | 112                        | -                             | 0    | -                  | -                                   | -        |
| Lowestoft                                    | 25                                      | 12.4                        | 6.6         | 9.5                           | -0.1                                  | 28.5         | -4.6        | 10.5            | 11.2           | 497                     | 85                                  | 47            | 28 Aug         | 151                      | 89             | 21            | 11               | 3    | 7                 | 8             | 16        | 43        | 97                         | 61                            | 2    | 4.19               | 100                                 | S        |
| Santon Downham                               | 8                                       | 13.6                        | 3.7         | 8.6                           | -                                     | 32.1         | -11.5       | 10.0            | 10.3           | 492                     | -                                   | 35            | 22 Aug         | 130                      | 91             | 0             | 13               | 0    | 0                 | 0             | 4         | 97        | 169                        | -                             | 0    | 4.27               | -                                   | S        |
| Westleton                                    | 10                                      | 12.2                        | 6.1         | 9.2                           | -                                     | 27.0         | -6.7        | 10.0            | 10.5           | 451                     | -                                   | 50            | 28 Aug         | 133                      | 92             | 19            | 7                | 4    | 0                 | 7             | 12        | 44        | 74                         | -                             | 12   | -                  | -                                   | -        |
| Bedfordshire                                 |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |                |                          |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Silsoe                                       | 59                                      | 13.0                        | 4.3         | 8.7                           | -                                     | 29.6         | -10.6       | -               | -              | 365                     | -                                   | 16            | 22 Aug         | 126                      | 79             | -             | -                | -    | -                 | -             | -         | 71        | 138                        | 63                            | -    | -                  | -                                   | -        |
| Woburn                                       | 89                                      | 13.2                        | 4.7         | 8.9                           | -0.3                                  | 30.3         | -7.7        | 10.2            | 10.2           | 466                     | 73                                  | 21            | 7 Jun          | 147                      | 99             | 20            | 9                | 0    | 0                 | 3             | 13        | 83        | 131                        | -                             | 0    | 4.19               | 110                                 | S        |
| Hertfordshire                                |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |                |                          |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Aldenham School                              | 91                                      | 13.4                        | 5.4         | 9.4                           | -0.2                                  | 31.4         | -6.9        | 9.6             | -              | 489                     | 72                                  | 24            | 8 Jan          | 152                      | 95             | 17            | 9                | 0    | 0                 | 4             | 10        | 70        | 121                        | 82                            | 5    | -                  | -                                   | -        |
| Rothamsted                                   | 128                                     | 12.8                        | 5.1         | 9.0                           | -0.1                                  | 30.4         | -6.5        | 9.9             | 10.0           | 516                     | 75                                  | 34            | 3 Nov          | 162                      | 102            | 24            | 10               | 2    | 0                 | 8             | 13        | 69        | 134                        | -                             | 0    | 4.58               | 115                                 | S        |
| Essex  |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |                |                          |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| High Beach                                   | 110                                     | 14.1                        | 5.2         | 9.6                           | -                                     | 30.9         | -6.6        | 10.6            | -              | 468                     | -                                   | 32            | 11 Aug         | 137                      | 86             | 18            | 8                | 2    | 0                 | 11            | -         | 67        | 108                        | 34                            | 2    | -                  | -                                   | -        |
| Rettendon                                    | 16                                      | 13.4                        | 5.6         | 9.5                           | -                                     | 31.2         | -6.3        | -               | -              | 442                     | -                                   | 21            | 22 Aug         | 146                      | 82             | 23            | 9                | 0    | 0                 | 13            | 10        | 63        | 102                        | -                             | 1    | 4.39               | -                                   | -        |
| Southend                                     | 2                                       | 13.6                        | 7.2         | 10.4                          | -                                     | 29.8         | -4.0        | -               | -              | 325                     | -                                   | 25            | 19 Nov         | 137                      | 66             | 5             | 1                | 0    | 0                 | 0             | 0         | 33        | 0                          | -                             | 1    | 5.23               | -                                   | S        |
| Whittle                                      | 35                                      | 13.4                        | 5.0         | 9.2                           | -0.4                                  | 30.7         | -6.8        | 10.2            | -              | 396                     | 69                                  | 26            | 22 Aug         | 132                      | 81             | 19            | 5                | 2    | 0                 | 7             | 13        | 74        | 113                        | -                             | 8    | 4.48               | 112                                 | S        |
| 4 MIDLAND COUNTIES                           |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |                |                          |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| West Yorkshire                               |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |                |                          |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Bradford                                     | 134                                     | 10.5                        | 5.5         | 8.0                           | -0.7                                  | 28.4         | -4.5        | 9.2             | 9.6            | 792                     | 91                                  | 40            | 23 Aug         | 193                      | 131            | 37            | 29               | 6    | 0                 | 10            | 22        | 61        | 99                         | -                             | 4    | 3.30               | 99                                  | S        |
| Bramham                                      | 54                                      | 12.3                        | 5.1         | 8.7                           | 0.0                                   | 30.5         | -6.4        | -               | -              | 574                     | 87                                  | 37            | 18 Dec         | 182                      | 113            | 21            | 20               | 0    | 4                 | 4             | 34        | 63        | 122                        | 84                            | 24   | 3.43               | (97)                                | S        |
| Ryhill                                       | 78                                      | 12.1                        | 5.3         | 8.7                           | -                                     | 30.6         | -4.2        | -               | -              | 531                     | -                                   | 37            | 19 Dec         | 165                      | 107            | 30            | 17               | 0    | 4                 | 12            | 31        | 56        | 118                        | -                             | 4    | -                  | -                                   | -        |
| South Yorkshire                              |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |                |                          |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Sheffield, Weston Park                       | 131                                     | 12.4                        | 5.8         | 9.1                           | -0.3                                  | 30.4         | -6.1        | 10.0            | 10.1           | 748                     | 92                                  | 38            | 19 Nov         | 188                      | 126            | 22            | 27               | 0    | 3                 | 5             | 0         | 53        | 0                          | -                             | 5    | 3.79               | 106                                 | S        |
| Derbyshire                                   |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |                |                          |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Ashover                                      | 178                                     | 12.1                        | 4.9         | 8.5                           | -0.3                                  | 30.3         | -5.6        | -               | -              | 779                     | 91                                  | 45            | 19 Nov         | 185                      | 118            | 42            | 36               | 3    | 3                 | 10            | 32        | 76        | 115                        | -                             | 3    | -                  | -                                   | -        |
| Buxton                                       | 307                                     | 10.5                        | 4.4         | 7.4                           | -0.1                                  | 29.1         | -6.5        | 8.7             | 8.9            | 1083                    | 83                                  | 31            | 28 Sep         | 201                      | 148            | 42            | 37               | 3    | 1                 | 9             | 28        | 96        | 123                        | -                             | 9    | 3.36               | 101                                 | S        |
| Coton-in-the-Elms                            | 85                                      | 12.8                        | 5.1         | 8.9                           | -                                     | 31.3         | -6.6        | 10.2            | -              | 463                     | -                                   | 21            | 18 Dec         | 149                      | 98             | 21            | 14               | 0    | 0                 | 10            | 18        | 78        | 120                        | -                             | 1    | -                  | -                                   | -        |
| Morley                                       | 105                                     | 12.5                        | 5.2         | 8.8                           | -0.1                                  | 30.7         | -6.5        | -               | -              | 530                     | 75                                  | 21            | 19 Nov         | 155                      | 104            | 23            | 13               | 1    | 0                 | 7             | 20        | 70        | 121                        | -                             | 0    | -                  | -                                   | -        |

Figures in bold and *italics* indicate some missing data

\*Figures in parentheses indicate some estimates used in the averages



# Summary of daily observations

| District<br>Region/<br>County<br>and Place | Height of station<br>above MSL (metres) | Air temperature (degrees C) |             |                               |                                       |              |             | Mean soil temp. |                | Rainfall (09 to 09 GMT) |                                     |             |                | Weather (number of days) |                |                |               |                  |      |                   |               |           |           |                            |                               | Bright sunshine |                    |                                     |          |
|--|---|-----------------------------|-------------|-------------------------------|---------------------------------------|--------------|-------------|-----------------|----------------|-------------------------|-------------------------------------|-------------|----------------|--------------------------|----------------|----------------|---------------|------------------|------|-------------------|---------------|-----------|-----------|----------------------------|-------------------------------|-----------------|--------------------|-------------------------------------|----------|
|  |   | Means of                    |             | Daily mean<br>(mean of A + B) | Difference from<br>1961 - 90 average* | Highest Max. | Lowest Min. | 30 cm (deg C)   | 100 cm (deg C) | Total fall (mm)         | Percentage of<br>1961 - 90 average* | Amount (mm) | Most in a day  |                          | Precipitation  |                | Snow or sleet | Snow lying at 9h | Hail | Ice pellets, etc. | Thunder heard | Fog at 9h | Air frost | Grass min. below 0 (deg C) | Concrete min. below 0 (deg C) | Gale            | Daily mean (hours) | Percentage of<br>1961 - 90 average* | Exposure |
|  |   | Maximum (A)                 | Minimum (B) |                               |                                       | Maximum      | Minimum     |                 |                |                         |                                     |             |                | Date                     | 0.2 mm or more | 1.0 mm or more |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |
| 4 MIDLAND COUNTIES - Continued             |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |             |                |                          |                |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |
| Nottinghamshire                            |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |             |                |                          |                |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |
| Keyworth                                   | 69                                      | 13.0                        | 5.2         | 9.1                           | -                                     | 31.7         | -5.7        | -               | -              | 498                     | -                                   | 24          | 19 Dec         | 153                      | 103            | 43             | 15            | 1                | 12   | 14                | 12            | 74        | 125       | -                          | 25                            | -               | -                  | -                                   | -        |
| Sutton Bonington                           | 48                                      | 13.0                        | 5.1         | 9.1                           | -0.1                                  | 31.7         | -6.4        | 9.6             | 9.8            | 446                     | 74                                  | 18          | 19 Dec         | 144                      | 92             | 13             | 13            | 0                | 1    | 5                 | 11            | 79        | 150       | 82                         | 2                             | 3.71            | 99                 | -                                   | -        |
| Walesby                                    | 115                                     | 11.8                        | 5.6         | 8.7                           | -                                     | 29.9         | -4.4        | 9.7             | -              | 577                     | -                                   | 39          | 19 Dec         | 190                      | 113            | 13             | 11            | 0                | 2    | 2                 | 26            | 49        | 119       | -                          | 1                             | -               | -                  | -                                   | -        |
| Wansop                                     | 46                                      | 13.0                        | 4.4         | 8.7                           | -0.1                                  | 31.3         | -7.5        | -               | -              | 510                     | 81                                  | 35          | 19 Nov, 19 Dec | 158                      | 101            | 20             | 12            | 3                | 1    | 4                 | 21            | 74        | 160       | -                          | 0                             | -               | -                  | -                                   | -        |
| West Retford                               | 14                                      | 13.0                        | 5.6         | 9.3                           | -                                     | 31.3         | -5.6        | 10.7            | -              | 444                     | -                                   | 35          | 19 Nov         | 153                      | 91             | 28             | 15            | 1                | 8    | 14                | 21            | 61        | 129       | 79                         | 7                             | 4.12            | -                  | -                                   | -        |
| Staffordshire                              |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |             |                |                          |                |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |
| Coalbrookdale                              | 73                                      | 13.1                        | 4.7         | 8.9                           | -                                     | 30.3         | -6.5        | -               | -              | 571                     | -                                   | 24          | 6 Aug          | 146                      | 123            | 20             | 13            | 0                | 0    | 4                 | 0             | 72        | 110       | -                          | 0                             | -               | -                  | -                                   | -        |
| Denstone                                   | 140                                     | 11.8                        | 4.9         | 8.3                           | -                                     | 29.3         | -4.8        | -               | -              | 666                     | -                                   | 25          | 6 Aug          | 176                      | 126            | 11             | 13            | 1                | 0    | 6                 | 16            | 72        | 120       | 96                         | 7                             | 3.51            | -                  | -                                   | -        |
| Ipton Edge                                 | 340                                     | 10.1                        | 4.2         | 7.1                           | -                                     | 27.1         | -6.4        | -               | -              | 726                     | -                                   | 23          | 24 Nov, 18 Dec | 181                      | 131            | 32             | 24            | 2                | 0    | 7                 | 43            | 102       | 128       | -                          | 4                             | -               | -                  | -                                   | -        |
| Keele (A)                                  | 179                                     | 11.8                        | 5.1         | 8.4                           | -                                     | 29.2         | -6.1        | 8.7             | 9.3            | 652                     | 82                                  | 44          | 6 Aug          | 166                      | 120            | 25             | 24            | 3                | 0    | 3                 | 13            | 70        | 106       | 97                         | 0                             | 3.89            | -                  | -                                   | -        |
| Penkridge                                  | 101                                     | 13.0                        | 5.3         | 9.1                           | 0.3                                   | 30.2         | -5.6        | 9.4             | -              | 526                     | 78                                  | 19          | 6 Aug          | 148                      | 112            | 12             | 11            | 0                | 0    | 1                 | 6             | 63        | 113       | -                          | 0                             | 3.64            | 102                | -                                   | -        |
| Leicestershire                             |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |             |                |                          |                |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |
| Newtown Unford                             | 119                                     | 12.9                        | 4.4         | 8.6                           | -0.2                                  | 31.3         | -6.4        | -               | -              | 508                     | 76                                  | 30          | 20 Aug         | 149                      | 108            | 21             | 16            | 0                | 2    | 8                 | 18            | 83        | 121       | -                          | 0                             | 3.92            | 109                | -                                   | -        |
| Shropshire                                 |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |             |                |                          |                |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |
| Edge                                       | 126                                     | 12.5                        | 4.9         | 8.7                           | -                                     | 29.0         | -8.1        | 10.0            | -              | 601                     | -                                   | 19          | 12 Apr         | 176                      | 119            | 34             | 25            | 1                | 0    | 10                | 11            | 74        | 147       | -                          | 11                            | -               | -                  | -                                   | -        |
| Ludlow College                             | 107                                     | 12.8                        | 5.6         | 9.2                           | -                                     | 28.5         | -5.7        | -               | -              | 654                     | -                                   | 32          | 14 Oct         | 185                      | 119            | 20             | 14            | 1                | 0    | 4                 | 7             | 55        | 0         | -                          | 0                             | -               | -                  | -                                   | -        |
| Newport                                    | 64                                      | -                           | -           | -                             | -                                     | -            | -           | -               | 6.4            | 420                     | -                                   | 18          | 22 Apr         | 144                      | 93             | 0              | 0             | 0                | 0    | 0                 | 0             | 72        | 114       | -                          | 0                             | -               | -                  | -                                   | -        |
| Oswestry School                            | 139                                     | 12.8                        | 4.9         | 8.9                           | -                                     | 29.0         | -7.2        | -               | -              | 674                     | -                                   | 29          | 14 Oct         | 153                      | 123            | 25             | 7             | 3                | 1    | 4                 | 12            | 64        | 0         | -                          | 3                             | -               | -                  | -                                   | -        |
| Pennerley                                  | 357                                     | 10.7                        | 4.3         | 7.5                           | -                                     | 26.5         | -7.5        | -               | -              | 880                     | -                                   | 65          | 6 Aug          | 206                      | 135            | 33             | 38            | 1                | 0    | 7                 | 33            | 93        | 121       | -                          | 1                             | -               | -                  | -                                   | -        |
| Preston Montford                           | 67                                      | 12.3                        | 4.8         | 8.5                           | -0.7                                  | 28.8         | -6.3        | 9.6             | 10.0           | 591                     | 91                                  | 19          | 23 Jul         | 164                      | 118            | 15             | 24            | 0                | 0    | 5                 | 14            | 80        | 139       | -                          | 0                             | 3.71            | 101                | S                                   | -        |
| West Midlands                              |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |             |                |                          |                |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |
| Birmingham                                 |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |             |                |                          |                |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |
| Winterbourne                               | 140                                     | 12.5                        | 5.3         | 8.9                           | -                                     | 31.1         | -5.0        | 10.4            | 10.5           | 637                     | -                                   | 17          | 18 Dec         | 172                      | 115            | 48             | 27            | 6                | 8    | 15                | 23            | 71        | 112       | 85                         | 4                             | 3.93            | -                  | -                                   | -        |
| Halesowen                                  | 155                                     | 13.0                        | 5.0         | 9.0                           | -                                     | 30.5         | -6.4        | 9.8             | 10.0           | 593                     | -                                   | 20          | 6 Aug          | 166                      | 111            | 28             | 18            | 0                | 3    | 9                 | 23            | 75        | 110       | 94                         | 0                             | 4.22            | -                  | -                                   | S        |
| Walsall                                    | 163                                     | 12.8                        | 5.3         | 9.0                           | -0.1                                  | 30.5         | -5.6        | -               | -              | 581                     | 81                                  | 23          | 6 Aug, 19 Nov  | 162                      | 107            | 20             | 26            | 0                | 1    | 4                 | -             | 75        | 112       | -                          | 0                             | -               | -                  | -                                   | -        |
| Warwickshire                               |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |             |                |                          |                |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |
| Coventry, Bablake                          | 93                                      | 13.2                        | 5.6         | 9.4                           | -                                     | 32.0         | -5.0        | 10.5            | 10.5           | 491                     | -                                   | 23          | 20 Aug         | 143                      | 97             | 27             | 19            | 0                | 1    | 10                | 10            | 61        | 115       | 89                         | 4                             | 4.30            | -                  | -                                   | -        |
| Rugby                                      | 117                                     | 13.0                        | 5.2         | 9.1                           | (-0.1)                                | 31.7         | -6.0        | 8.4             | 10.0           | 518                     | 82                                  | 43          | 20 Aug         | 142                      | 95             | 18             | 15            | 0                | 0    | 3                 | 3             | 72        | 125       | -                          | 0                             | -               | -                  | -                                   | -        |
| Stratford-upon-Avon                        | 49                                      | 13.5                        | 4.7         | 9.1                           | -0.2                                  | 32.2         | -6.7        | 10.6            | -              | 392                     | 64                                  | 18          | 22 Aug         | 140                      | 90             | 1              | 12            | -                | -    | -                 | 11            | 82        | 130       | -                          | 0                             | 3.83            | 102                | S                                   | -        |
| Wellesbourne                               | 47                                      | 13.5                        | 5.0         | 9.3                           | 0.0                                   | 32.3         | -6.1        | 9.9             | 10.3           | 431                     | 74                                  | 22          | 22 Aug         | 135                      | 92             | 19             | 14            | 1                | 1    | 7                 | 11            | 80        | 128       | 83                         | 0                             | 4.08            | 105                | -                                   | -        |
| Northamptonshire                           |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |             |                |                          |                |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |
| Moulton Park                               | 122                                     | 12.8                        | 5.2         | 9.0                           | 0.0                                   | 30.5         | -6.6        | 10.5            | 10.6           | 454                     | 73                                  | 17          | 22 Apr         | 149                      | 93             | 18             | 14            | 0                | 10   | 10                | -             | 76        | 128       | -                          | 0                             | 4.21            | 106                | S                                   | -        |
| Silverstone                                | 106                                     | 13.2                        | 4.5         | 8.8                           | -                                     | 30.5         | -8.0        | -               | -              | 483                     | -                                   | 19          | 22 Apr         | 111                      | 97             | 9              | 5             | 0                | 0    | 1                 | 5             | 84        | 125       | -                          | 0                             | -               | -                  | -                                   | -        |
| Hereford & Worcester                       |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |             |                |                          |                |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |
| Astwood Bank                               | 139                                     | 13.1                        | 5.2         | 9.2                           | 0.0                                   | 31.9         | -6.3        | -               | -              | 505                     | 76                                  | 21          | 23 Jul         | 157                      | 103            | 26             | 12            | 0                | 4    | 8                 | 22            | 68        | 109       | -                          | 0                             | -               | -                  | -                                   | -        |
| Detton Hall                                | 153                                     | 12.1                        | 4.7         | 8.4                           | -                                     | 29.0         | -9.0        | -               | -              | 636                     | -                                   | 22          | 19 Nov         | 171                      | 116            | 31             | 27            | 5                | 2    | 14                | 40            | 75        | 127       | -                          | 2                             | -               | -                  | -                                   | -        |
| Lyonshall                                  | 155                                     | 12.4                        | 5.2         | 8.8                           | -0.2                                  | 28.5         | -9.0        | -               | -              | 763                     | 94                                  | 27          | 12 Apr         | 185                      | 135            | -              | -             | -                | -    | -                 | -             | 67        | 166       | -                          | -                             | -               | -                  | -                                   | -        |
| Malvern                                    | 82                                      | 13.9                        | 6.2         | 10.0                          | -0.1                                  | 31.6         | -6.4        | 10.6            | 11.1           | 620                     | 87                                  | 25          | 10 Aug         | 173                      | 114            | 25             | 12            | 2                | 1    | 5                 | 14            | 54        | 121       | -                          | 0                             | 4.48            | 116                | S                                   | -        |
| Pershore College of Hort.                  | 40                                      | 13.6                        | 5.8         | 9.7                           | -0.1                                  | 31.3         | -5.3        | -               | -              | 457                     | 73                                  | 20          | 10 Aug         | 150                      | 101            | 22             | 8             | 1                | 2    | 7                 | 12            | 59        | 126       | -                          | 13                            | -               | -                  | -                                   | S        |
| Preston Wynne                              | 84                                      | 13.4                        | 4.8         | 9.1                           | 0.1                                   | 30.4         | -10.5       | 10.0            | -              | 554                     | 85                                  | 19          | 25 Mar         | 166                      | 114            | 14             | 9             | 1                | 2    | 2                 | 4             | 77        | 138       | -                          | 0                             | 3.87            | 99                 | S                                   | -        |
| Ross on Wye                                | 67                                      | 13.6                        | 5.8         | 9.7                           | -0.1                                  | 31.0         | -8.2        | 11.1            | -              | 609                     | 91                                  | 30          | 10 Aug         | 157                      | 102            | 22             | 10            | 0                | 0    | 7                 | 21            | 62        | 99        | -                          | 2                             | 4.38            | 114                | S                                   | -        |
| Gloucestershire                            |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |             |                |                          |                |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |
| Cheltenham                                 | 65                                      | 14.1                        | 5.9         | 10.0                          | 0.0                                   | 32.0         | -5.3        | 18.6            | 10.9           | 602                     | 84                                  | 26          | 12 Apr         | 142                      | 111            | 16             | 8             | 6                | 0    | 6                 | 2             | 65        | -         | -                          | 9                             | -               | -                  | -                                   | -        |
| Cirencester                                | 135                                     | 13.2                        | 4.8         | 9.0                           | -0.1                                  | 32.0         | -6.4        | 8.7             | -              | 592                     | 76                                  | 25          | 22 Aug         | 149                      | 106            | 10             | 11            | 1                | 1    | 2                 | -             | 75        | 106       | -                          | 2                             | 4.09            | 101                | -                                   | -        |
| Didbrook Fields                            | 80                                      | 13.3                        | 5.4         | 9.3                           | -                                     | 30.8         | -8.3        | -               | -              | 439                     | -                                   | 26          | 12 Apr         | 149                      | 91             | 21             | 5             | 2                | 0    | 6                 | 17            | 67        | -         | -                          | 1                             | -               | -                  | -                                   | -        |

Figures in bold and *italics* indicate some missing data

\*Figures in parentheses indicate some estimates used in the averages



# Summary of daily observations

| District<br>Region/<br>County<br>and Place | Height of station<br>above MSL (metres) | Air temperature (degrees C) |             |                               |                                       |              |             | Mean soil temp.  |                   | Rainfall (09 to 09 GMT) |                                     |             |               | Weather (number of days) |                |    |               |                  |      |                   |               |           |           |                            |                               | Bright sunshine |                    |                                     |          |   |
|--|---|-----------------------------|-------------|-------------------------------|---------------------------------------|--------------|-------------|------------------|-------------------|-------------------------|-------------------------------------|-------------|---------------|--------------------------|----------------|----|---------------|------------------|------|-------------------|---------------|-----------|-----------|----------------------------|-------------------------------|-----------------|--------------------|-------------------------------------|----------|---|
|  |   | Means of                    |             | Daily mean<br>(mean of A + B) | Difference from<br>1961 - 90 average* | Highest Max. | Lowest Min. | 30 cm<br>(deg C) | 100 cm<br>(deg C) | Total fall (mm)         | Percentage of<br>1961 - 90 average* | Amount (mm) | Most in a day |                          | Precipitation  |    | Snow or sleet | Snow lying at 9h | Hail | Ice pellets, etc. | Thunder heard | Fog at 9h | Air frost | Grass min. below 0 (deg C) | Concrete min. below 0 (deg C) | Gale            | Daily mean (hours) | Percentage of<br>1961 - 90 average* | Exposure |   |
|  |   | Maximum (A)                 | Minimum (B) |                               |                                       | Maximum      | Minimum     |                  |                   |                         |                                     |             | Date          | 0.2 mm or more           | 1.0 mm or more |    |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |   |
| 4 MIDLAND COUNTIES - Continued             |   |                             |             |                               |                                       |              |             |                  |                   |                         |                                     |             |               |                          |                |    |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |   |
| Gloucestershire - continued                |   |                             |             |                               |                                       |              |             |                  |                   |                         |                                     |             |               |                          |                |    |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |   |
| Randwick                                   | 200                                     | 12.3                        | 5.3         | 8.8                           | -                                     | 29.9         | -5.5        | 10.3             | -                 | 601                     | -                                   | 22          | 19 Nov        | 167                      | 117            | 22 | 12            | 1                | 1    | 5                 | 23            | 66        | 106       | -                          | 2                             | -               | -                  | -                                   | -        |   |
| Slimbridge                                 | 5                                       | 13.8                        | 5.3         | 9.5                           | -                                     | 30.0         | -5.7        | -                | -                 | 603                     | -                                   | 25          | 3 Nov         | 160                      | 107            | 15 | 6             | 0                | 1    | 1                 | 3             | 67        | 118       | -                          | 1                             | -               | -                  | -                                   | -        |   |
| Slimbridge, Six Acres                      | 45                                      | 13.2                        | 5.8         | 9.5                           | -                                     | 30.8         | -6.5        | -                | -                 | 658                     | -                                   | 19          | 22 Apr        | 160                      | 118            | 16 | 5             | 1                | 0    | 5                 | 18            | 51        | 99        | -                          | 7                             | -               | -                  | -                                   | -        |   |
| Westonbirt                                 | 122                                     | 12.8                        | 4.8         | 8.8                           | -                                     | 29.6         | -6.5        | 10.9             | 10.9              | 674                     | -                                   | 35          | 22 Aug        | 171                      | 111            | 22 | 9             | 1                | 8    | 6                 | 10            | 79        | 114       | -                          | 2                             | -               | -                  | -                                   | S        |   |
| Oxfordshire                                |   |                             |             |                               |                                       |              |             |                  |                   |                         |                                     |             |               |                          |                |    |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |   |
| Oxford (A)                                 | 63                                      | 13.8                        | 6.1         | 9.9                           | -0.1                                  | 30.8         | -4.6        | 10.6             | 10.8              | 471                     | 74                                  | 24          | 7 Jun         | 159                      | 92             | 16 | 9             | 1                | 1    | 4                 | 10            | 62        | 108       | 80                         | 5                             | 4.69            | 113                | -                                   | -        |   |
| Shirburn (Model Farm)                      | 106                                     | 13.5                        | 5.1         | 9.3                           | -0.2                                  | 30.4         | -7.4        | 10.2             | 10.7              | 508                     | 78                                  | 21          | 7 Jun, 5 Jul  | 148                      | 90             | 25 | 9             | 0                | 4    | 11                | 13            | 74        | 134       | -                          | 0                             | -               | -                  | -                                   | -        |   |
| South Newington                            | 105                                     | 12.9                        | 3.8         | 8.3                           | -                                     | 30.4         | -8.4        | -                | -                 | 499                     | -                                   | 17          | 12 Apr        | 159                      | 105            | 35 | 15            | 2                | 5    | 9                 | 25            | 98        | 151       | 99                         | 2                             | -               | -                  | -                                   | -        |   |
| Wallingford                                | 48                                      | 13.7                        | 5.0         | 9.3                           | (-0.2)                                | 30.2         | -7.0        | 10.2             | 10.9              | 442                     | 76                                  | 29          | 7 Jun         | 136                      | 92             | 13 | 0             | 0                | 0    | 5                 | -             | 74        | 123       | -                          | 1                             | 3.71            | (94)               | S                                   | -        |   |
| Buckinghamshire                            |   |                             |             |                               |                                       |              |             |                  |                   |                         |                                     |             |               |                          |                |    |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |   |
| Grendon Underwood                          | 67                                      | 14.9                        | 4.6         | 9.7                           | 0.8                                   | 30.4         | -8.8        | 10.7             | 11.1              | 496                     | 79                                  | 33          | 7 Jun         | 123                      | 97             | 3  | 4             | 1                | 0    | 5                 | 6             | 70        | 122       | 39                         | 1                             | -               | -                  | -                                   | S        |   |
| 5 ENGLAND S E & CENTRAL S                  |   |                             |             |                               |                                       |              |             |                  |                   |                         |                                     |             |               |                          |                |    |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |   |
| Greater London                             |   |                             |             |                               |                                       |              |             |                  |                   |                         |                                     |             |               |                          |                |    |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |   |
| Greenwich                                  | 7                                       | 14.8                        | 7.1         | 11.0                          | 0.5                                   | 31.8         | -4.6        | -                | -                 | 408                     | 70                                  | 19          | 11 Aug, 9 Nov | 113                      | 78             | 11 | 3             | 1                | 0    | 7                 | 5             | 37        | 64        | -                          | 0                             | 4.14            | 107                | S                                   | -        |   |
| Hampstead                                  | 137                                     | 14.1                        | 6.6         | 10.3                          | 0.5                                   | 30.8         | -6.4        | -                | -                 | 373                     | 54                                  | 23          | 8 Jan         | 124                      | 77             | 18 | 7             | 1                | 0    | 7                 | 8             | 43        | 100       | -                          | 4                             | -               | -                  | -                                   | -        |   |
| Hampton                                    | 12                                      | 14.0                        | 6.5         | 10.2                          | -                                     | 30.4         | -5.2        | -                | -                 | 406                     | -                                   | 20          | 8 Jan         | 121                      | 73             | 2  | 1             | -                | -    | -                 | 9             | 52        | 104       | -                          | 0                             | -               | -                  | -                                   | -        |   |
| Kew  |   |                             |             |                               |                                       |              |             |                  |                   |                         |                                     |             |               |                          |                |    |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |   |
| Royal Botanic Gardens                      | 8                                       | 14.6                        | 5.9         | 10.3                          | -0.1                                  | 32.0         | -5.5        | 10.6             | 10.8              | 427                     | 70                                  | 21          | 8 Jan         | 127                      | 89             | 16 | 5             | 1                | 0    | 4                 | 4             | 61        | 100       | 94                         | 2                             | 4.69            | -                  | -                                   | S        | - |
| Northwood                                  | 85                                      | 13.8                        | 6.0         | 9.9                           | -                                     | 31.0         | -5.5        | -                | -                 | 512                     | -                                   | 23          | 11 Aug        | 139                      | 93             | 18 | 8             | 0                | 1    | 6                 | -             | 57        | 0         | -                          | 2                             | -               | -                  | -                                   | -        |   |
| St James's Park                            | 9                                       | 14.3                        | 7.4         | 10.9                          | 0.0                                   | 33.1         | -4.3        | 11.8             | 12.9              | 392                     | 64                                  | 20          | 8 Jan         | 133                      | 80             | -  | -             | -                | -    | -                 | -             | 34        | 72        | 43                         | -                             | -               | -                  | -                                   | -        |   |
| Wiltshire                                  |   |                             |             |                               |                                       |              |             |                  |                   |                         |                                     |             |               |                          |                |    |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |   |
| Lacock                                     | 49                                      | 13.5                        | 5.2         | 9.3                           | 0.0                                   | 30.0         | -6.0        | -                | -                 | 572                     | 82                                  | 17          | 3 Nov         | 153                      | 116            | 13 | 5             | 1                | 2    | 4                 | 13            | 70        | 106       | -                          | 3                             | -               | -                  | -                                   | -        |   |
| Marlborough                                | 129                                     | 13.7                        | 6.1         | 9.9                           | 1.0                                   | 30.0         | -6.0        | -                | -                 | 496                     | 64                                  | 19          | 3 Nov         | 161                      | 104            | -  | -             | -                | -    | -                 | -             | 55        | -         | -                          | -                             | 4.83            | (123)              | S                                   | -        |   |
| Teffont Magna                              | 117                                     | 13.2                        | 5.1         | 9.1                           | -                                     | 28.8         | -7.3        | -                | -                 | 739                     | -                                   | 39          | 22 Aug        | 149                      | 115            | 16 | 8             | 1                | 2    | 8                 | 1             | 65        | 111       | -                          | 3                             | -               | -                  | -                                   | -        |   |
| Berkshire                                  |   |                             |             |                               |                                       |              |             |                  |                   |                         |                                     |             |               |                          |                |    |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |   |
| Reading                                    | 66                                      | 13.6                        | 6.0         | 9.8                           | 0.0                                   | 30.4         | -5.3        | 10.3             | 10.6              | 489                     | 77                                  | 23          | 5 Jul         | 129                      | 88             | 16 | 8             | 0                | 4    | 9                 | 16            | 55        | 142       | 87                         | 0                             | 4.28            | 101                | S                                   | -        |   |
| Surrey                                     |   |                             |             |                               |                                       |              |             |                  |                   |                         |                                     |             |               |                          |                |    |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |   |
| Merist Wood                                | 45                                      | -                           | -           | -                             | -                                     | -            | -           | -                | -                 | 452                     | 68                                  | 28          | 3 Nov         | 104                      | 71             | 15 | 4             | 0                | 3    | 1                 | 8             | 57        | 83        | -                          | 2                             | 2.62            | 65                 | S                                   | -        |   |
| Mickleham                                  | 55                                      | 15.2                        | 4.8         | 10.0                          | 0.7                                   | 29.6         | -7.2        | 11.7             | 10.9              | 560                     | 75                                  | 35          | 8 Jan         | 146                      | 95             | 11 | 9             | 0                | 0    | 5                 | 5             | 70        | 124       | 47                         | 0                             | -               | -                  | -                                   | -        |   |
| Wisley                                     | 32                                      | 14.9                        | 5.9         | 10.4                          | 0.5                                   | 31.1         | -5.8        | 10.9             | 11.0              | 492                     | 76                                  | 27          | 3 Nov         | 145                      | 87             | 13 | 6             | 0                | 1    | 5                 | 36            | 54        | 119       | -                          | 2                             | 3.96            | 96                 | S                                   | -        |   |
| Kent                                       |   |                             |             |                               |                                       |              |             |                  |                   |                         |                                     |             |               |                          |                |    |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |   |
| East Malling (A)                           | 33                                      | 13.6                        | 5.8         | 9.7                           | -0.2                                  | 31.0         | -6.1        | 10.4             | 10.6              | 502                     | 78                                  | 26          | 22 Aug, 3 Nov | 137                      | 91             | 20 | 8             | 0                | 2    | 6                 | 12            | 55        | 129       | 84                         | 2                             | 4.58            | 107                | -                                   | -        |   |
| Edenbridge                                 | 45                                      | 14.3                        | 5.5         | 9.9                           | 0.4                                   | 30.4         | -6.4        | -                | -                 | 521                     | 77                                  | 34          | 22 Aug        | 124                      | 94             | -  | -             | -                | -    | -                 | -             | 55        | -         | -                          | -                             | -               | -                  | -                                   | S        |   |
| Eynsford                                   | 40                                      | 13.8                        | 4.3         | 9.0                           | -                                     | 30.9         | -8.0        | -                | -                 | 526                     | -                                   | 29          | 22 Aug        | 139                      | 98             | 10 | 5             | 0                | 1    | 9                 | 15            | 84        | 117       | 90                         | 0                             | -               | -                  | -                                   | -        |   |
| Folkestone                                 | 31                                      | 12.8                        | 6.3         | 9.5                           | -0.3                                  | 28.2         | -7.2        | -                | 11.2              | 719                     | 97                                  | 98          | 12 Aug        | 144                      | 103            | 14 | 7             | 0                | 0    | 5                 | 5             | 45        | 60        | -                          | 10                            | 5.35            | 109                | -                                   | -        |   |
| Goudhurst                                  | 85                                      | 13.1                        | 5.4         | 9.2                           | -0.2                                  | 29.5         | -6.8        | 10.3             | -                 | 674                     | 83                                  | 30          | 19 Nov        | 159                      | 99             | 18 | 8             | 1                | 4    | 7                 | 19            | 70        | 124       | -                          | 0                             | -               | -                  | -                                   | -        |   |
| Heme Bay                                   | 27                                      | 14.2                        | 7.7         | 10.9                          | -                                     | 31.7         | -4.2        | 11.4             | 11.0              | 322                     | -                                   | 30          | 28 Aug        | 104                      | 64             | 7  | 3             | 1                | 0    | 8                 | 5             | 27        | 55        | 37                         | 4                             | 5.31            | -                  | -                                   | -        |   |
| Margate, North Down                        | 40                                      | 13.2                        | 7.3         | 10.2                          | -                                     | 31.7         | -4.3        | 11.3             | 11.4              | 442                     | -                                   | 30          | 28 Aug        | 140                      | 87             | 16 | 6             | 1                | 1    | 8                 | 7             | 32        | 78        | -                          | 15                            | 5.09            | -                  | -                                   | -        |   |
| Wye  | 56                                      | 13.0                        | 5.6         | 9.3                           | -0.3                                  | 28.6         | -7.2        | 10.2             | 10.5              | 601                     | 83                                  | 37          | 11 Aug        | 135                      | 103            | 16 | 6             | 2                | 3    | 11                | 30            | 58        | 109       | -                          | 0                             | 4.61            | 107                | S                                   | -        |   |
| Hampshire                                  |   |                             |             |                               |                                       |              |             |                  |                   |                         |                                     |             |               |                          |                |    |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |   |
| Alice Holt Lodge                           | 115                                     | 13.4                        | 4.5         | 9.0                           | -0.3                                  | 29.5         | -7.0        | 10.5             | 10.7              | 677                     | 87                                  | 35          | 3 Nov         | 150                      | 108            | 21 | 8             | 1                | 0    | 5                 | 10            | 75        | 138       | -                          | 0                             | 4.31            | 104                | S                                   | -        |   |
| Butser, Windmill Hill                      | 160                                     | 13.5                        | 5.1         | 9.3                           | -                                     | 29.5         | -6.5        | 10.6             | 10.8              | 780                     | -                                   | 37          | 3 Nov         | 149                      | 108            | 21 | 6             | 0                | 3    | 5                 | 0             | 65        | 106       | -                          | 1                             | -               | -                  | -                                   | -        |   |
| Everton                                    | 16                                      | 13.2                        | 6.1         | 9.6                           | -0.5                                  | 27.0         | -6.1        | -                | -                 | 672                     | 89                                  | 26          | 3 Nov         | 147                      | 111            | 9  | 2             | 1                | 0    | 5                 | 10            | 52        | 109       | -                          | 0                             | 5.22            | 111                | S                                   | -        |   |
| Hayling Island                             | 4                                       | 13.2                        | 7.3         | 10.2                          | -0.2                                  | 26.7         | -5.4        | -                | -                 | 595                     | 88                                  | 25          | 8 Jan         | 143                      | 93             | 14 | 4             | 0                | 3    | 8                 | 1             | 37        | -         | -                          | 2                             | 5.33            | 107                | -                                   | -        |   |
| Ibsley                                     | 27                                      | 14.1                        | 4.5         | 9.3                           | -                                     | 29.5         | -7.0        | -                | -                 | 727                     | -                                   | 30          | 19 Nov        | 156                      | 125            | 11 | 7             | 0                | 0    | 3                 | 14            | 82        | 116       | 78                         | 2                             | -               | -                  | -                                   | -        |   |

Figures in bold and *italics* indicate some missing data

\*Figures in parentheses indicate some estimates used in the averages



# Summary of daily observations

| District<br>Region/<br>County<br>and Place | Height of station<br>above MSL (metres) | Air temperature (degrees C) |             |                               |                                       |              |             | Mean soil temp. |                | Rainfall (09 to 09 GMT) |                                     |               |               | Weather (number of days) |                |               |                  |      |                   |               |           |           |                            |                               | Bright sunshine |                    |                                     |          |  |  |
|--|---|-----------------------------|-------------|-------------------------------|---------------------------------------|--------------|-------------|-----------------|----------------|-------------------------|-------------------------------------|---------------|---------------|--------------------------|----------------|---------------|------------------|------|-------------------|---------------|-----------|-----------|----------------------------|-------------------------------|-----------------|--------------------|-------------------------------------|----------|--|--|
|  |   | Means of                    |             | Daily mean<br>(mean of A + B) | Difference from<br>1961 - 90 average* | Highest Max. | Lowest Min. | 30 cm (deg C)   | 100 cm (deg C) | Total fall (mm)         | Percentage of<br>1961 - 90 average* | Most in a day |               | Precipitation            |                | Snow or sleet | Snow lying at 9h | Hail | Ice pellets, etc. | Thunder heard | Fog at 9h | Air frost | Grass min. below 0 (deg C) | Concrete min. below 0 (deg C) | Gale            | Daily mean (hours) | Percentage of<br>1961 - 90 average* | Exposure |  |  |
|  |   | Maximum (A)                 | Minimum (B) |                               |                                       | Maximum      | Minimum     |                 |                |                         |                                     | Amount (mm)   | Date          | 0.2 mm or more           | 1.0 mm or more |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |  |  |
| 5 ENGLAND S E & CENTRAL S - Continued      |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |               |                          |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |  |  |
| Hampshire - continued                      |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |               |                          |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |  |  |
| Kingsclere,                                |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |               |                          |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |  |  |
| Strattons Farm                             | 102                                     | 14.0                        | 4.8         | 9.4                           | -                                     | 29.6         | -7.8        | -               | -              | 629                     | -                                   | 27            | 19 Nov        | 150                      | 101            | 18            | 7                | 0    | 0                 | 5             | 13        | 75        | 134                        | -                             | 1               | -                  | -                                   | -        |  |  |
| Leckford                                   | 117                                     | 13.2                        | 5.3         | 9.3                           | -0.1                                  | 29.1         | -6.8        | 9.8             | -              | 621                     | 78                                  | 27            | 19 Nov        | 152                      | 102            | 11            | 7                | 0    | 0                 | 1             | 22        | 62        | 0                          | -                             | 5               | 4.56               | 111                                 | -        |  |  |
| Long Sutton                                | 145                                     | 13.0                        | 5.1         | 9.1                           | (-0.3)                                | 28.5         | -7.1        | 10.5            | 10.7           | 693                     | 87                                  | 36            | 8 Jan         | 142                      | 112            | 15            | 4                | 0    | 0                 | 6             | 20        | 75        | 105                        | 91                            | 7               | 4.33               | 103                                 | -        |  |  |
| Martyr Worthing                            | 84                                      | 13.9                        | 4.9         | 9.4                           | (-0.1)                                | 31.0         | -7.5        | -               | -              | 539                     | 70                                  | 26            | 19 Nov        | 149                      | 88             | -             | -                | -    | -                 | -             | -         | 71        | 104                        | -                             | -               | -                  | -                                   | -        |  |  |
| Otterbourne                                | 34                                      | 14.0                        | 5.4         | 9.7                           | -0.2                                  | 29.5         | -5.9        | 10.9            | 11.2           | 686                     | 86                                  | 28            | 8 Jan         | 148                      | 105            | 7             | 1                | 0    | 0                 | 3             | 0         | 63        | 114                        | -                             | 0               | -                  | -                                   | -        |  |  |
| Penton                                     | 110                                     | 11.4                        | 3.9         | 7.6                           | -                                     | 26.6         | -8.3        | -               | -              | 979                     | -                                   | 33            | 28 Sep        | 195                      | 148            | 16            | 24               | 0    | 4                 | 3             | 13        | 80        | 117                        | -                             | 15              | -                  | -                                   | -        |  |  |
| Southsea                                   | 2                                       | 14.1                        | 8.2         | 11.2                          | 0.3                                   | 27.3         | -5.0        | 12.3            | 12.2           | 401                     | 59                                  | 23            | 6 Jul         | 90                       | 49             | 8             | 4                | 0    | 0                 | 5             | 2         | 19        | 42                         | -                             | 0               | 5.70               | 119                                 | -        |  |  |
| Isle of Wight                              |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |               |                          |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |  |  |
| Ryde                                       | 4                                       | 13.6                        | 7.9         | 10.8                          | 0.0                                   | 26.5         | -5.3        | -               | -              | 580                     | 76                                  | 25            | 24 Nov        | 108                      | 79             | 16            | 4                | 0    | 2                 | 5             | 2         | 19        | -                          | -                             | 5               | 4.81               | 97                                  | -        |  |  |
| Sandown                                    | 4                                       | 13.3                        | 7.2         | 10.3                          | -0.5                                  | 24.7         | -5.3        | -               | -              | 680                     | 88                                  | 28            | 2 May         | 139                      | 97             | 14            | 2                | 0    | 1                 | 8             | 1         | 33        | -                          | -                             | 4               | 5.15               | 103                                 | -        |  |  |
| Shanklin                                   | 55                                      | 12.7                        | 6.6         | 9.7                           | -0.6                                  | 26.4         | -5.2        | -               | -              | 720                     | 84                                  | 33            | 2 May         | 138                      | 96             | 13            | 5                | 3    | 0                 | 7             | 8         | 36        | -                          | -                             | 7               | 5.70               | 112                                 | -        |  |  |
| Ventnor Park                               | 135                                     | 13.2                        | 7.6         | 10.4                          | -0.1                                  | 25.6         | -5.0        | 11.6            | -              | 656                     | 83                                  | 41            | 2 May         | 136                      | 101            | 14            | 3                | 0    | 2                 | 5             | 13        | 22        | -                          | -                             | 20              | 5.83               | 118                                 | -        |  |  |
| West Sussex                                |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |               |                          |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |  |  |
| Bognor Regis                               | 7                                       | 13.4                        | 6.3         | 9.9                           | -0.4                                  | 26.5         | -4.5        | -               | 12.0           | 586                     | 82                                  | 28            | 8 Jan         | 128                      | 91             | 8             | 7                | 0    | 1                 | 4             | 0         | 54        | 76                         | -                             | 9               | 5.55               | 110                                 | -        |  |  |
| Littlehampton                              | 3                                       | 13.4                        | 5.8         | 9.6                           | -                                     | 27.5         | -6.0        | -               | 12.1           | 599                     | -                                   | 33            | 3 Nov         | 144                      | 89             | 10            | 5                | 0    | 0                 | 1             | 4         | 59        | 91                         | -                             | 2               | 5.14               | -                                   | -        |  |  |
| Wiggonholt                                 | 28                                      | 16.2                        | 6.5         | 11.4                          | -                                     | 29.1         | -5.7        | -               | -              | 640                     | -                                   | 39            | 8 Jan         | 108                      | 86             | 11            | 8                | 0    | 0                 | 0             | 1         | 36        | 53                         | -                             | 1               | -                  | -                                   | -        |  |  |
| East Sussex                                |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |               |                          |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |  |  |
| Bexhill                                    | 4                                       | 13.0                        | 7.2         | 10.1                          | -0.2                                  | 26.8         | -4.9        | 11.1            | 11.3           | 543                     | 74                                  | 27            | 9 Nov         | 121                      | 95             | 1             | 12               | 0    | 0                 | 1             | 3         | 40        | 76                         | -                             | 0               | 5.40               | 116                                 | -        |  |  |
| Eastbourne                                 | 7                                       | 13.0                        | 7.5         | 10.3                          | -0.3                                  | 26.3         | -4.5        | 11.4            | 12.1           | 642                     | 81                                  | 36            | 9 Nov         | 130                      | 93             | 18            | 5                | 0    | 1                 | 3             | 4         | 29        | 54                         | -                             | 8               | 5.28               | 105                                 | -        |  |  |
| Hastings                                   | 45                                      | 13.0                        | 6.7         | 9.8                           | -0.5                                  | 27.6         | -5.7        | 11.3            | 11.7           | 594                     | 81                                  | 26            | 9 Nov         | 137                      | 92             | 17            | 6                | 0    | 1                 | 9             | 8         | 46        | 74                         | 58                            | 4               | 5.16               | 109                                 | -        |  |  |
| Plumpton                                   | 76                                      | 14.1                        | 6.6         | 10.3                          | 0.4                                   | 29.4         | -5.6        | -               | -              | 809                     | 82                                  | 42            | 23 Aug        | 140                      | 92             | 10            | 7                | 0    | 0                 | 2             | 17        | 39        | 89                         | 46                            | 1               | 4.90               | 109                                 | S        |  |  |
| 7A England NW & I.o.M                      |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |               |                          |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |  |  |
| Cumbria                                    |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |               |                          |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |  |  |
| Blencathra                                 | 250                                     | 10.8                        | 4.5         | 7.7                           | -                                     | 24.9         | -5.0        | -               | -              | 1190                    | -                                   | 44            | 28 Sep        | 188                      | 147            | 43            | 27               | 0    | 5                 | 7             | 3         | 72        | 116                        | -                             | 1               | -                  | -                                   | -        |  |  |
| Casterton                                  | 129                                     | 11.8                        | 4.8         | 8.3                           | -                                     | 27.3         | -7.5        | -               | -              | 922                     | -                                   | 34            | 28 Sep        | 188                      | 145            | 29            | 22               | 3    | 3                 | 11            | 8         | 69        | 133                        | -                             | 7               | -                  | -                                   | -        |  |  |
| Frizington                                 | 170                                     | 11.1                        | 4.9         | 8.0                           | -                                     | 25.3         | -7.1        | -               | -              | 1239                    | -                                   | 43            | 15 Oct        | 187                      | 140            | 28            | 7                | 1    | 8                 | 2             | 5         | 89        | 135                        | 98                            | 3               | -                  | -                                   | -        |  |  |
| Grizedale                                  | 91                                      | 12.5                        | 4.3         | 8.4                           | 0.3                                   | 25.5         | -6.5        | 9.5             | -              | 1587                    | 87                                  | 71            | 28 Sep        | 205                      | 158            | 15            | 26               | 0    | 2                 | 2             | 2         | 71        | 157                        | -                             | 0               | -                  | -                                   | -        |  |  |
| Levens Hall                                | 7                                       | 12.3                        | 4.8         | 8.5                           | -                                     | 25.8         | -9.2        | -               | -              | 933                     | -                                   | 56            | 28 Sep        | 173                      | 142            | 24            | 21               | 5    | 1                 | 4             | 9         | 74        | 136                        | -                             | 12              | -                  | -                                   | -        |  |  |
| Newton Rigg                                | 171                                     | 12.1                        | 4.8         | 8.5                           | 0.3                                   | 26.5         | -6.0        | 10.3            | -              | 673                     | 74                                  | 26            | 9 Feb         | 165                      | 118            | 23            | 17               | 4    | 1                 | 2             | 4         | 59        | 105                        | -                             | 3               | 2.69               | 77                                  | S        |  |  |
| Ulpha                                      | 210                                     | 10.9                        | 4.8         | 7.8                           | -                                     | 25.7         | -5.7        | -               | -              | 2025                    | -                                   | 81            | 28 Sep        | 208                      | 163            | 23            | 17               | 3    | 0                 | 0             | 0         | 62        | 144                        | -                             | 1               | -                  | -                                   | -        |  |  |
| Lancashire                                 |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |               |                          |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |  |  |
| Blackpool, Squires Gate                    | 10                                      | 12.4                        | 5.9         | 9.2                           | -0.1                                  | 27.6         | -6.8        | -               | -              | 681                     | 80                                  | 24            | 25 Aug        | 175                      | 120            | 16            | 8                | 0    | 4                 | 1             | 5         | 58        | 112                        | 76                            | 6               | 4.44               | 106                                 | -        |  |  |
| Hazekrigg                                  | 95                                      | 11.7                        | 5.7         | 8.7                           | -0.2                                  | 27.2         | -4.5        | 9.3             | 9.6            | 872                     | 80                                  | 43            | 28 Sep        | 185                      | 135            | 27            | 12               | 1    | 7                 | 8             | 6         | 52        | 119                        | 92                            | 9               | 3.90               | 104                                 | -        |  |  |
| Latham Park                                | 55                                      | 12.2                        | 5.8         | 9.0                           | -                                     | 28.9         | -5.6        | 10.2            | -              | 707                     | -                                   | 23            | 28 Sep        | 165                      | 131            | 10            | 4                | 1    | 1                 | 0             | 0         | 63        | 0                          | -                             | 9               | 3.93               | -                                   | S        |  |  |
| Morecambe                                  | 7                                       | 12.2                        | 6.4         | 9.3                           | -0.3                                  | 27.8         | -4.9        | -               | -              | 782                     | 78                                  | 43            | 28 Sep        | 169                      | 128            | 14            | 6                | 3    | 4                 | 5             | 4         | 45        | 0                          | -                             | 6               | 4.17               | 105                                 | S        |  |  |
| Preston                                    | 33                                      | 12.5                        | 5.9         | 9.2                           | -0.1                                  | 28.7         | -5.2        | -               | -              | 769                     | 77                                  | 28            | 14 Oct        | 174                      | 128            | 21            | 8                | 1    | 5                 | 6             | 5         | 54        | 45                         | -                             | 0               | -                  | -                                   | -        |  |  |
| Shuttleworth                               | 235                                     | 12.1                        | 4.2         | 8.1                           | -                                     | 26.7         | -6.1        | -               | -              | 1113                    | -                                   | 43            | 28 Sep        | 163                      | 147            | 16            | 13               | 0    | 0                 | 0             | 11        | 95        | 127                        | -                             | 1               | -                  | -                                   | -        |  |  |
| Wycoller                                   | 245                                     | 10.7                        | 4.0         | 7.4                           | -0.6                                  | 26.8         | -6.7        | -               | -              | 1032                    | 68                                  | 34            | 26 Aug        | 206                      | 154            | 22            | 37               | 0    | 0                 | 2             | 8         | 91        | 96                         | -                             | 0               | -                  | -                                   | -        |  |  |
| Merseyside                                 |   |                             |             |                               |                                       |              |             |                 |                |                         |                                     |               |               |                          |                |               |                  |      |                   |               |           |           |                            |                               |                 |                    |                                     |          |  |  |
| Bidston                                    | 60                                      | 12.3                        | 7.0         | 9.6                           | -0.1                                  | 27.9         | -3.5        | -               | -              | 597                     | 81                                  | 31            | 26 Aug        | 185                      | 115            | 17            | -                | 0    | 7                 | 4             | -         | 23        | 70                         | -                             | 2               | 4.17               | 103                                 | S        |  |  |
| Rainhill                                   | 55                                      | 12.6                        | 5.9         | 9.3                           | -                                     | 29.7         | -5.8        | -               | -              | 747                     | -                                   | 32            | 4 Oct         | 193                      | 131            | 20            | 12               | 0    | 11                | 8             | 11        | 56        | 92                         | -                             | 2               | -                  | -                                   | S        |  |  |
| Southport, Greenbank                       | 15                                      | 12.3                        | 5.7         | 9.0                           | -                                     | 28.2         | -5.7        | 9.8             | 10.0           | 659                     | -                                   | 21            | 25 Aug, 6 Nov | 158                      | 124            | 12            | 7                | 0    | 2                 | 2             | 1         | 46        | 78                         | 79                            | 0               | 4.35               | -                                   | -        |  |  |

Figures in bold and *italics* indicate some missing data

\*Figures in parentheses indicate some estimates used in the averages



# Summary of daily observations

| District<br>Region/<br>County<br>and Place | Height of station<br>above MSL (metres) | Air temperature (degrees C) |             |                               |                                       |              | Mean soil temp. |               | Rainfall (09 to 09 GMT) |                 |                                     |               | Weather (number of days) |                |     |    |    |    |    |   |    |     | Bright sunshine |    |    |                                     |          |                |
|--|---|-----------------------------|-------------|-------------------------------|---------------------------------------|--------------|-----------------|---------------|-------------------------|-----------------|-------------------------------------|---------------|--------------------------|----------------|-----|----|----|----|----|---|----|-----|-----------------|----|----|-------------------------------------|----------|----------------|
|  |   | Means of                    |             | Daily mean<br>(mean of A + B) | Difference from<br>1961 - 90 average* | Highest Max. | Lowest Min.     | 30 cm (deg C) | 100 cm (deg C)          | Total fall (mm) | Percentage of<br>1961 - 90 average* | Most in a day |                          | Precipitation  |     |    |    |    |    |   |    |     |                 |    |    | Percentage of<br>1961 - 90 average* | Exposure |                |
|  |   | Maximum (A)                 | Minimum (B) |                               |                                       | Maximum      | Minimum         |               |                         |                 |                                     | Amount (mm)   | Date                     | 0.2 mm or more |     |    |    |    |    |   |    |     |                 |    |    |                                     |          | 1.0 mm or more |
| 7A England NW & I.o.M - Continued          |   |                             |             |                               |                                       |              |                 |               |                         |                 |                                     |               |                          |                |     |    |    |    |    |   |    |     |                 |    |    |                                     |          |                |
| Greater Manchester                         |   |                             |             |                               |                                       |              |                 |               |                         |                 |                                     |               |                          |                |     |    |    |    |    |   |    |     |                 |    |    |                                     |          |                |
| Bolton                                     | 154                                     | -                           | -           | -                             | -                                     | -            | -               | -             | -                       | 999             | -                                   | 38            | 24 Aug                   | 181            | 133 | 18 | 26 | 0  | 6  | 5 | 9  | 47  | 43              | -  | 1  | -                                   | -        | -              |
| Cheshire                                   |   |                             |             |                               |                                       |              |                 |               |                         |                 |                                     |               |                          |                |     |    |    |    |    |   |    |     |                 |    |    |                                     |          |                |
| Bradeley Green                             | 115                                     | 13.0                        | 7.3         | 10.1                          | -                                     | 29.1         | -4.7            | -             | -                       | 549             | -                                   | 26            | 11 Mar                   | 160            | 111 | 12 | 0  | 1  | 0  | 5 | 0  | 19  | 80              | -  | 2  | -                                   | -        | -              |
| Delamere Forest                            | 68                                      | 14.2                        | 5.2         | 9.7                           | -                                     | 28.8         | -8.9            | -             | -                       | -               | -                                   | -             | -                        | -              | -   | 9  | 6  | 1  | 0  | 4 | -  | 51  | 67              | -  | 0  | -                                   | -        | -              |
| Knuttsford                                 | 65                                      | 12.8                        | 5.7         | 9.2                           | (-0.1)                                | 30.5         | -7.0            | 10.2          | 10.2                    | 666             | 79                                  | 25            | 23 Aug                   | 175            | 126 | 23 | 12 | 2  | 10 | 8 | -  | 61  | 104             | -  | 4  | -                                   | -        | -              |
| Macclesfield                               | 143                                     | 12.1                        | 5.1         | 8.6                           | -0.3                                  | 29.4         | -7.1            | -             | -                       | 725             | 79                                  | 28            | 24 Aug                   | 192            | 149 | 25 | 22 | 1  | 1  | 5 | 1  | 75  | -               | -  | 3  | -                                   | -        | -              |
| Nantwich, Reaseheath Hall                  | 40                                      | 13.4                        | 5.1         | 9.2                           | -                                     | 29.9         | -8.4            | -             | -                       | 618             | -                                   | 22            | 18 Dec                   | 168            | 123 | 14 | 9  | 0  | 0  | 2 | 4  | 68  | 114             | -  | 0  | -                                   | -        | -              |
| Ness Gardens                               | 30                                      | 12.7                        | 6.0         | 9.4                           | -0.1                                  | 29.4         | -8.8            | 10.0          | -                       | 564             | 80                                  | 25            | 26 Aug                   | 174            | 120 | 20 | 11 | 3  | 0  | 5 | 5  | 53  | 142             | -  | 6  | 3.89                                | 107      | S              |
| Isle of Man                                |   |                             |             |                               |                                       |              |                 |               |                         |                 |                                     |               |                          |                |     |    |    |    |    |   |    |     |                 |    |    |                                     |          |                |
| Douglas                                    | 85                                      | 11.5                        | 6.8         | 9.1                           | -0.1                                  | 22.4         | -2.5            | -             | -                       | 974             | 86                                  | 49            | 11 Mar                   | 163            | 144 | 10 | 3  | 0  | 4  | 3 | 30 | 16  | 58              | -  | 2  | -                                   | -        | -              |
| 7B WALES N                                 |   |                             |             |                               |                                       |              |                 |               |                         |                 |                                     |               |                          |                |     |    |    |    |    |   |    |     |                 |    |    |                                     |          |                |
| Gwynedd                                    |   |                             |             |                               |                                       |              |                 |               |                         |                 |                                     |               |                          |                |     |    |    |    |    |   |    |     |                 |    |    |                                     |          |                |
| Aber                                       | 10                                      | 13.3                        | 7.0         | 10.2                          | -                                     | 25.2         | -4.7            | 10.4          | -                       | 655             | -                                   | 49            | 11 Mar                   | 148            | 114 | 9  | 1  | 0  | 3  | 4 | 0  | 24  | -               | -  | 1  | 4.05                                | -        | S              |
| Arthog, Fegla Fach Farm                    | 7                                       | 13.2                        | 6.4         | 9.8                           | -                                     | 26.0         | -4.8            | -             | -                       | 1043            | -                                   | 39            | 11 Mar                   | 181            | 144 | 8  | 1  | 0  | 0  | 0 | 3  | 39  | -               | -  | 7  | -                                   | -        | -              |
| Bala                                       | 163                                     | 11.4                        | 3.7         | 7.6                           | -0.7                                  | 26.4         | -11.3           | 9.6           | 9.2                     | 1009            | 80                                  | 27            | 28 Sep                   | 180            | 143 | 25 | 8  | 1  | 0  | 1 | 19 | 75  | 69              | 71 | 0  | 3.76                                | 111      | S              |
| Betws-y-Coed                               | 20                                      | 13.2                        | 4.8         | 9.0                           | -0.3                                  | 28.4         | -7.8            | 10.7          | 10.3                    | 1180            | 81                                  | 49            | 28 Sep                   | 184            | 140 | 10 | 7  | 3  | 1  | 4 | 0  | 84  | 121             | 70 | 2  | -                                   | -        | -              |
| Dinorwic No.2                              | 335                                     | 10.7                        | 5.6         | 8.1                           | -                                     | 23.3         | -4.5            | -             | -                       | 1641            | -                                   | 52            | 28 Sep                   | 207            | 167 | 45 | 19 | 1  | 18 | 4 | 13 | 49  | 110             | -  | 36 | -                                   | -        | -              |
| Llanymawddwy                               | 145                                     | 12.1                        | 4.8         | 8.4                           | -                                     | 26.4         | -7.7            | -             | -                       | 1827            | -                                   | 51            | 5 Nov                    | 199            | 160 | 27 | 20 | 0  | 14 | 3 | 5  | 73  | 110             | -  | 5  | -                                   | -        | -              |
| Pen-y-Ffritd                               | 84                                      | 13.8                        | 6.4         | 10.1                          | 0.4                                   | 26.2         | -4.6            | -             | -                       | 807             | 73                                  | 29            | 28 Sep                   | 172            | 146 | 15 | 3  | 0  | 9  | 5 | 0  | 31  | 138             | -  | 17 | 3.49                                | 93       | S              |
| Clwyd                                      |   |                             |             |                               |                                       |              |                 |               |                         |                 |                                     |               |                          |                |     |    |    |    |    |   |    |     |                 |    |    |                                     |          |                |
| Alwen                                      | 335                                     | 10.9                        | 3.4         | 7.2                           | 0.2                                   | 25.1         | -8.5            | -             | -                       | 1089            | 85                                  | 36            | 19 Nov                   | 217            | 161 | 30 | 40 | 0  | 0  | 2 | 14 | 106 | 148             | -  | 0  | -                                   | -        | -              |
| Colwyn Bay                                 | 36                                      | 12.6                        | 6.5         | 9.6                           | -0.3                                  | 28.5         | -5.6            | 10.4          | -                       | 600             | 79                                  | 18            | 24 Nov                   | 171            | 127 | 13 | 5  | 0  | 5  | 0 | 0  | 38  | -               | -  | 0  | 4.40                                | 107      | -              |
| Hawarden Bridge                            | 5                                       | 13.6                        | 6.0         | 9.8                           | 0.0                                   | 31.5         | -7.5            | -             | -                       | 570             | 82                                  | 24            | 11 Mar                   | 167            | 120 | 16 | 12 | 2  | 1  | 6 | 5  | 59  | -               | -  | 3  | -                                   | -        | -              |
| Llanarmon                                  |   |                             |             |                               |                                       |              |                 |               |                         |                 |                                     |               |                          |                |     |    |    |    |    |   |    |     |                 |    |    |                                     |          |                |
| Dyffryn Ceiriog                            | 267                                     | 11.1                        | 4.0         | 7.5                           | -                                     | 26.7         | -10.9           | -             | -                       | 1101            | -                                   | 31            | 19 Nov                   | 195            | 152 | 61 | 46 | 19 | 6  | 6 | 29 | 96  | -               | -  | 5  | -                                   | -        | -              |
| Loggerheads                                | 210                                     | 11.5                        | 3.7         | 7.6                           | -0.4                                  | 27.8         | -9.8            | 9.1           | 9.5                     | 738             | 81                                  | 28            | 24 Nov                   | 191            | 131 | 40 | 33 | 1  | 6  | 2 | 14 | 102 | 140             | -  | 0  | 3.66                                | 99       | S              |
| Prestatyn                                  | 4                                       | 12.8                        | 7.0         | 9.9                           | -0.2                                  | 28.0         | -5.1            | -             | -                       | 562             | 81                                  | 25            | 11 Mar                   | 162            | 119 | 29 | 6  | 6  | 0  | 3 | 0  | 38  | -               | -  | 2  | -                                   | -        | -              |
| Powys (North)                              |   |                             |             |                               |                                       |              |                 |               |                         |                 |                                     |               |                          |                |     |    |    |    |    |   |    |     |                 |    |    |                                     |          |                |
| Lake Vymwy                                 | 360                                     | 11.4                        | 3.6         | 7.5                           | -                                     | 27.1         | -9.0            | -             | -                       | 1408            | -                                   | 43            | 28 Sep                   | 213            | 158 | 4  | 28 | 0  | 0  | 1 | 14 | 96  | -               | -  | 0  | -                                   | -        | -              |
| Llanfair Caerninon                         | 236                                     | 11.8                        | 4.8         | 8.3                           | -0.5                                  | 27.4         | -7.3            | 9.1           | -                       | 876             | 92                                  | 26            | 11 Mar                   | 205            | 136 | 32 | 31 | 1  | 0  | 3 | 13 | 74  | 135             | -  | 0  | -                                   | -        | -              |
| Machynlleth                                | 76                                      | 12.8                        | 5.0         | 8.9                           | -                                     | 27.2         | -6.0            | -             | -                       | 1589            | -                                   | 57            | 31 Oct                   | 178            | 154 | 5  | 1  | 0  | 4  | 0 | -  | 73  | 93              | -  | 0  | -                                   | -        | -              |
| Moel Cynnedd                               | 358                                     | 10.8                        | 3.2         | 7.0                           | -0.1                                  | 26.0         | -8.4            | 8.3           | -                       | 1964            | 83                                  | 78            | 28 Sep                   | 208            | 164 | 40 | 38 | 0  | 2  | 1 | -  | 118 | 181             | -  | 0  | -                                   | -        | -              |
| 8A WALES S                                 |   |                             |             |                               |                                       |              |                 |               |                         |                 |                                     |               |                          |                |     |    |    |    |    |   |    |     |                 |    |    |                                     |          |                |
| Dyfed                                      |   |                             |             |                               |                                       |              |                 |               |                         |                 |                                     |               |                          |                |     |    |    |    |    |   |    |     |                 |    |    |                                     |          |                |
| Bwlch y Ffin                               | 240                                     | 11.9                        | 4.6         | 8.3                           | -                                     | 27.8         | -6.0            | -             | -                       | 1498            | -                                   | 42            | 23 May                   | 201            | 170 | 16 | 14 | 0  | 1  | 1 | 1  | 81  | 143             | -  | 0  | -                                   | -        | -              |
| Cwmystwyth                                 | 301                                     | 12.1                        | 4.9         | 8.5                           | 0.6                                   | 25.4         | -6.7            | -             | -                       | 1162            | 66                                  | 45            | 23 May, 28 Sep           | 182            | 128 | -  | 19 | -  | -  | - | -  | 60  | 100             | -  | -  | 3.47                                | 113      | S              |
| Dale Fort                                  | 33                                      | 12.8                        | 7.4         | 10.1                          | -0.3                                  | 23.6         | -5.2            | 10.7          | -                       | 851             | 103                                 | 27            | 22 Aug, 28 Nov           | 168            | 136 | 5  | 0  | 4  | 1  | 5 | 11 | 16  | 79              | -  | 23 | 4.87                                | 104      | S              |
| Gogerddan                                  | 31                                      | 12.7                        | 5.7         | 9.2                           | -0.3                                  | 26.4         | -8.0            | 10.8          | -                       | 772             | 77                                  | 36            | 23 May                   | 179            | 119 | -  | -  | -  | -  | - | -  | 69  | 141             | -  | -  | -                                   | -        | -              |
| Gwernogle                                  | 295                                     | 11.1                        | 5.2         | 8.2                           | -                                     | 24.6         | -5.2            | -             | -                       | 1540            | -                                   | 40            | 8 Jan                    | 209            | 172 | 19 | 16 | 1  | 0  | 2 | 10 | 63  | 86              | -  | 1  | -                                   | -        | -              |
| Llandeilo                                  | 80                                      | 12.9                        | 5.8         | 9.3                           | -                                     | 26.8         | -4.8            | -             | -                       | 1369            | -                                   | 51            | 23 May                   | 200            | 148 | 21 | 4  | 1  | 2  | 2 | 13 | 61  | 126             | 86 | 3  | -                                   | -        | -              |
| Orielton                                   | 61                                      | 12.7                        | 6.6         | 9.6                           | -0.3                                  | 24.1         | -4.6            | 10.8          | -                       | 1015            | 94                                  | 43            | 22 Aug                   | 158            | 133 | 6  | 0  | 3  | 0  | 1 | 8  | 32  | 101             | -  | 6  | -                                   | -        | -              |
| Saron                                      | 152                                     | 12.4                        | 4.8         | 8.6                           | -                                     | 25.0         | -7.2            | -             | -                       | 1229            | -                                   | 37            | 8 Jan                    | 193            | 151 | 16 | 6  | 9  | 1  | 3 | 3  | 72  | 134             | -  | 8  | -                                   | -        | -              |
| Scotton Country Park                       | 77                                      | 12.8                        | 5.5         | 9.1                           | -                                     | 24.3         | -5.9            | -             | -                       | 1080            | -                                   | 33            | 22 Aug                   | 187            | 141 | 20 | 1  | 2  | 9  | 6 | 6  | 62  | 126             | -  | 12 | -                                   | -        | -              |
| Skokholm Island                            | 34                                      | 13.8                        | 9.8         | 11.8                          | -                                     | 21.7         | 1.5             | -             | -                       | 512             | -                                   | 31            | 22 Aug                   | 118            | 88  | 0  | 0  | 0  | 0  | 2 | 7  | 0   | 8               | -  | 4  | -                                   | -        | -              |

Figures in bold and *italics* indicate some missing data

\*Figures in parentheses indicate some estimates used in the averages



# Summary of daily observations

| District<br>Region/<br>County<br>and Place | Height of station<br>above MSL (metres) | Air temperature (degrees C) |             |      |       |                               |                                       | Mean soil temp. |      | Rainfall (09 to 09 GMT) |     |               |                | Weather (number of days) |                |    |    |   |    |    |    |     |     |    |    | Bright sunshine |       |   |                 |
|--|---|-----------------------------|-------------|------|-------|-------------------------------|---------------------------------------|-----------------|------|-------------------------|-----|---------------|----------------|--------------------------|----------------|----|----|---|----|----|----|-----|-----|----|----|-----------------|-------|---|-----------------|
|  |   | Means of                    |             |      |       | Highest Max.                  | Lowest Min.                           |                 |      |                         |     | Most in a day |                | Precipitation            |                |    |    |   |    |    |    |     |     |    |    |                 |       |   |                 |
|  |   | Maximum (A)                 | Minimum (B) |      |       | Daily mean<br>(mean of A + B) | Difference from<br>1961 - 90 average* |                 |      |                         |     | Maximum       | Minimum        | 30 cm (deg C)            | 100 cm (deg C) |    |    |   |    |    |    |     |     |    |    |                 |       |   | Total fall (mm) |
| 8A WALES S - Continued                     |   |                             |             |      |       |                               |                                       |                 |      |                         |     |               |                |                          |                |    |    |   |    |    |    |     |     |    |    |                 |       |   |                 |
| Dyfed - continued                          |   |                             |             |      |       |                               |                                       |                 |      |                         |     |               |                |                          |                |    |    |   |    |    |    |     |     |    |    |                 |       |   |                 |
| St Clears                                  | 40                                      | 13.3                        | 5.0         | 9.1  | -     | 25.8                          | -7.3                                  | -               | -    | 1206                    | -   | 35            | 5 Feb          | 167                      | 140            | 4  | 0  | 3 | 0  | 3  | 2  | 73  | 102 | -  | 0  | -               | -     | - |                 |
| Swyddtynnon                                | 168                                     | 11.7                        | 4.6         | 8.1  | -     | 26.0                          | -6.7                                  | -               | -    | 994                     | -   | 32            | 28 Nov         | 194                      | 155            | 13 | 6  | 0 | 0  | 3  | 9  | 82  | 139 | -  | 2  | 3.93            | -     | - |                 |
| Talgarog                                   | 198                                     | 12.0                        | 4.1         | 8.1  | -     | 26.0                          | -10.0                                 | -               | -    | 1195                    | -   | 33            | 6 Aug          | 200                      | 152            | 16 | 10 | 0 | 4  | 2  | 11 | 91  | 116 | -  | 0  | -               | -     | - |                 |
| Whitechurch                                | 129                                     | 12.8                        | 5.0         | 8.9  | -0.2  | 25.5                          | -7.2                                  | 11.0            | 10.8 | 1292                    | 88  | 35            | 5 Feb          | 185                      | 141            | 17 | 4  | 3 | 7  | 3  | 6  | 73  | 130 | -  | 8  | -               | -     | - |                 |
| Powys (South)                              |   |                             |             |      |       |                               |                                       |                 |      |                         |     |               |                |                          |                |    |    |   |    |    |    |     |     |    |    |                 |       |   |                 |
| Brionydd Mawr                              | 330                                     | 10.9                        | 4.1         | 7.5  | -     | 25.6                          | -7.0                                  | -               | -    | 1165                    | -   | 45            | 23 May         | 199                      | 156            | 32 | 20 | 2 | 10 | 2  | 22 | 100 | 144 | -  | 1  | 3.43            | -     | - |                 |
| Cefn-llech                                 | 332                                     | 11.1                        | 2.9         | 7.0  | -     | 26.2                          | -9.0                                  | -               | -    | 1254                    | -   | 36            | 28 Sep         | 197                      | 153            | 36 | 28 | 0 | 9  | 3  | 34 | 115 | 137 | -  | 1  | -               | -     | - |                 |
| Libanus                                    | 331                                     | 11.2                        | 3.9         | 7.6  | -     | 26.8                          | -7.1                                  | -               | -    | 1216                    | -   | 40            | 23 May         | 198                      | 145            | 31 | 25 | 5 | 2  | 2  | 43 | 96  | 142 | -  | 22 | -               | -     | - |                 |
| Llangenny                                  | 135                                     | 13.2                        | 4.8         | 9.0  | -     | 29.7                          | -6.0                                  | -               | -    | 954                     | -   | 40            | 5 Feb          | 174                      | 125            | 16 | 19 | 0 | 0  | 0  | 3  | 76  | -   | -  | 0  | -               | -     | - |                 |
| Llangunilo                                 | 310                                     | 12.2                        | 4.0         | 8.1  | -     | 26.7                          | -6.5                                  | 8.9             | -    | 800                     | -   | 26            | 6 Jan          | 144                      | 106            | 21 | 20 | 0 | 0  | 2  | 27 | 72  | 124 | -  | 1  | -               | -     | - |                 |
| Llysdinam                                  | 200                                     | 12.5                        | 4.6         | 8.6  | -     | 28.4                          | -6.9                                  | 10.3            | -    | 988                     | -   | 29            | 23 May         | 201                      | 146            | 30 | 17 | 1 | 6  | 3  | 15 | 80  | 137 | -  | 9  | -               | -     | - |                 |
| Presteigne                                 | 175                                     | 12.8                        | 4.0         | 8.4  | -     | 29.2                          | -9.7                                  | -               | -    | 840                     | -   | 25            | 6 Jan          | 191                      | 135            | 31 | 24 | 1 | 2  | 6  | 7  | 93  | 132 | -  | 3  | 4.27            | -     | S |                 |
| Velindre                                   | 152                                     | 12.8                        | 4.9         | 8.9  | -     | 29.1                          | -6.7                                  | 10.3            | 10.3 | 794                     | -   | 24            | 18 Nov         | 184                      | 127            | 43 | 22 | 0 | 16 | 6  | 16 | 75  | 130 | -  | 1  | -               | -     | - |                 |
| West Glamorgan                             |   |                             |             |      |       |                               |                                       |                 |      |                         |     |               |                |                          |                |    |    |   |    |    |    |     |     |    |    |                 |       |   |                 |
| Cymmer                                     | 260                                     | 12.0                        | 5.1         | 8.6  | -     | 28.0                          | -5.0                                  | -               | -    | 2072                    | -   | 101           | 23 May         | 197                      | 157            | 13 | -  | 0 | 0  | 1  | -  | 69  | 166 | -  | 0  | -               | -     | - |                 |
| Penmaen                                    | 87                                      | 12.9                        | 6.3         | 9.6  | -0.4  | 25.2                          | -4.3                                  | 11.1            | 11.4 | 1096                    | 91  | 40            | 23 May         | 170                      | 139            | 18 | 5  | 0 | 10 | 3  | 18 | 41  | 100 | 73 | 14 | 4.54            | 107   | S |                 |
| Swansea                                    | 10                                      | 12.2                        | 6.3         | 9.2  | -1.3  | 26.3                          | -3.4                                  | 11.3            | 10.9 | 1087                    | 92  | 36            | 23 May         | 187                      | 139            | 10 | 1  | 1 | 0  | 0  | 17 | 29  | 68  | 46 | 0  | 4.35            | 105   | - |                 |
| Mid Glamorgan                              |   |                             |             |      |       |                               |                                       |                 |      |                         |     |               |                |                          |                |    |    |   |    |    |    |     |     |    |    |                 |       |   |                 |
| Porthcawl                                  | 6                                       | 13.4                        | 6.9         | 10.2 | -     | 26.0                          | -3.5                                  | -               | -    | 908                     | -   | 34            | 23 May         | 157                      | 136            | -  | -  | - | -  | -  | 3  | 31  | -   | -  | -  | -               | -     | - |                 |
| South Glamorgan                            |   |                             |             |      |       |                               |                                       |                 |      |                         |     |               |                |                          |                |    |    |   |    |    |    |     |     |    |    |                 |       |   |                 |
| Cardiff                                    |   |                             |             |      |       |                               |                                       |                 |      |                         |     |               |                |                          |                |    |    |   |    |    |    |     |     |    |    |                 |       |   |                 |
| Bute Park                                  | 9                                       | 13.3                        | 6.4         | 9.8  | -0.5  | 30.1                          | -4.0                                  | 10.8            | 10.9 | 1007                    | 95  | 33            | 23 May, 26 Oct | 163                      | 132            | 2  | 6  | - | -  | -  | 3  | 53  | 103 | -  | -  | 2.21            | 55    | S |                 |
| Flat Holm                                  | 15                                      | 12.4                        | 8.1         | 10.3 | -     | 28.4                          | -3.8                                  | -               | -    | 697                     | -   | 27            | 24 Nov         | 160                      | 125            | 6  | 0  | 4 | 0  | 8  | 15 | 12  | 61  | -  | 18 | -               | -     | - |                 |
| Gwent                                      |   |                             |             |      |       |                               |                                       |                 |      |                         |     |               |                |                          |                |    |    |   |    |    |    |     |     |    |    |                 |       |   |                 |
| Llanishen                                  | 180                                     | 12.7                        | 5.4         | 9.0  | -     | 29.5                          | -7.9                                  | -               | -    | 886                     | -   | 51            | 10 Aug         | 168                      | 125            | -  | 2  | - | -  | -  | 12 | 53  | -   | -  | -  | -               | -     | - |                 |
| Penhow                                     | 100                                     | 13.3                        | 5.8         | 9.5  | -     | 29.7                          | -5.2                                  | -               | -    | 1026                    | -   | 35            | 4 Oct          | 173                      | 130            | 24 | 9  | 0 | 1  | 10 | 9  | 56  | 79  | -  | 8  | -               | -     | - |                 |
| Tredeggar, Bryn Bach Park                  | 380                                     | 10.9                        | 4.3         | 7.6  | -     | 26.5                          | -8.3                                  | -               | -    | 1263                    | -   | 36            | 22 Aug         | 200                      | 149            | 20 | 33 | 1 | 1  | 1  | 39 | 90  | 116 | -  | 1  | -               | -     | - |                 |
| 8B ENGLAND SW                              |   |                             |             |      |       |                               |                                       |                 |      |                         |     |               |                |                          |                |    |    |   |    |    |    |     |     |    |    |                 |       |   |                 |
| Avon                                       |   |                             |             |      |       |                               |                                       |                 |      |                         |     |               |                |                          |                |    |    |   |    |    |    |     |     |    |    |                 |       |   |                 |
| Bath                                       | 114                                     | 13.3                        | 5.9         | 9.6  | -     | 29.1                          | -5.5                                  | 11.0            | -    | 682                     | -   | 21            | 22 Aug         | 158                      | 114            | 14 | 4  | 0 | 2  | 5  | 2  | 57  | 0   | -  | 3  | -               | -     | - |                 |
| Long Ashton                                | 51                                      | 13.0                        | 6.2         | 9.6  | -0.3  | 30.2                          | -4.3                                  | -               | -    | 778                     | 90  | 23            | 3 Nov          | 164                      | 117            | -  | -  | - | -  | -  | -  | 53  | -   | -  | -  | -               | -     | - |                 |
| Somerset                                   |   |                             |             |      |       |                               |                                       |                 |      |                         |     |               |                |                          |                |    |    |   |    |    |    |     |     |    |    |                 |       |   |                 |
| Castle Cary                                | 135                                     | 12.9                        | 5.1         | 9.0  | -     | 29.2                          | -7.8                                  | -               | -    | 720                     | -   | 29            | 18 Nov         | 160                      | 125            | 30 | 5  | 4 | 2  | 14 | 32 | 77  | 92  | -  | 19 | -               | -     | - |                 |
| Downside Abbey                             | 183                                     | 12.4                        | 5.4         | 8.9  | -0.4  | 28.2                          | -6.2                                  | -               | -    | 924                     | 87  | 29            | 24 Nov         | 167                      | 121            | -  | 2  | - | -  | -  | -  | 66  | -   | -  | -  | -               | -     | - |                 |
| Nettlecombe                                | 96                                      | 13.2                        | 5.6         | 9.4  | -0.1  | 29.1                          | -4.5                                  | 11.0            | -    | 933                     | 95  | 35            | 18 May         | 158                      | 129            | 13 | 9  | 3 | 1  | 3  | 0  | 52  | 125 | -  | 0  | -               | -     | - |                 |
| Nettlecombe (Birds Hill)                   | 280                                     | 11.6                        | 5.5         | 8.5  | -0.3  | 29.4                          | -6.0                                  | 9.7             | -    | 1084                    | 101 | 36            | 20 Mar         | 166                      | 140            | 13 | 20 | 5 | 0  | 1  | 28 | 55  | 131 | -  | 3  | -               | -     | - |                 |
| Rodney Stoke                               | 40                                      | 13.4                        | 6.1         | 9.8  | -0.1  | 29.6                          | -4.9                                  | 11.0            | 11.0 | 752                     | 88  | 29            | 24 Aug         | 166                      | 126            | 10 | 7  | 1 | 0  | 0  | 5  | 51  | 95  | -  | 0  | -               | -     | - |                 |
| Dorset                                     |   |                             |             |      |       |                               |                                       |                 |      |                         |     |               |                |                          |                |    |    |   |    |    |    |     |     |    |    |                 |       |   |                 |
| Bournemouth                                |   |                             |             |      |       |                               |                                       |                 |      |                         |     |               |                |                          |                |    |    |   |    |    |    |     |     |    |    |                 |       |   |                 |
| Kings Park                                 | 27                                      | 13.6                        | 6.6         | 10.1 | -     | 28.2                          | -5.2                                  | 11.6            | 11.8 | 751                     | -   | 43            | 19 Jun         | 152                      | 111            | 18 | 1  | 5 | 0  | 3  | 4  | 50  | 93  | -  | 2  | 5.17            | -     | S |                 |
| Fontmell Magna                             | 95                                      | 13.3                        | 5.5         | 9.4  | -     | 28.2                          | -5.5                                  | -               | -    | 744                     | -   | 36            | 19 Nov         | 169                      | 122            | 19 | 6  | 1 | 3  | 6  | 22 | 82  | 128 | -  | 15 | 4.37            | -     | - |                 |
| Lower Kingcombe                            | 122                                     | 12.9                        | 4.1         | 8.5  | -     | 27.1                          | -7.3                                  | -               | -    | 986                     | -   | 39            | 20 Mar         | 171                      | 132            | 20 | 6  | 6 | 2  | 8  | 29 | 83  | 132 | -  | 17 | -               | -     | - |                 |
| Poole                                      | 5                                       | 14.4                        | 7.1         | 10.7 | (0.4) | 29.0                          | -4.2                                  | -               | -    | 790                     | 101 | 39            | 19 Jun         | 152                      | 116            | 17 | 1  | 0 | 3  | 5  | 4  | 36  | 78  | -  | 1  | 5.00            | (107) | - |                 |
| Swanage                                    | 11                                      | 13.1                        | 7.2         | 10.1 | -0.4  | 24.8                          | -4.7                                  | -               | 11.4 | 686                     | 87  | 30            | 19 Jun         | 155                      | 112            | 9  | 1  | 0 | 0  | 5  | 4  | 28  | 41  | -  | 4  | 5.23            | 109   | - |                 |

Figures in bold and *italics* indicate some missing data

\*Figures in parentheses indicate some estimates used in the averages



# Summary of daily observations

| District<br>Region/<br>County<br>and Place |  | Air temperature (degrees C) |             |                               |                                       |              |             | Mean soil temp. |                | Rainfall (09 to 09 GMT) |                                     |               |      | Weather (number of days) |  |  |  |  |  |  |  |  |  |  | Bright sunshine |  |  |  |                |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | Means of                    |             |                               |                                       | Highest Max. | Lowest Min. |                 |                |                         |                                     | Most in a day |      | Precipitation            |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |                |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Maximum (A)                 | Minimum (B) |                               |                                       |              |             |                 |                |                         |                                     | Amount (mm)   | Date |                          |  |  |  |  |  |  |  |  |  |  |                 |  |  |  | 0.2 mm or more | 1.0 mm or more | Snow or sleet | Snow lying at 9h | Hail | Ice pellets, etc. | Thunder heard | Fog at 9h | Air frost | Grass min. below 0 (deg C) | Concrete min. below 0 (deg C) | Gale | Daily mean (hours) | Percentage of<br>1961 - 90 average* | Exposure |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                             |             | Daily mean<br>(mean of A + B) | Difference from<br>1961 - 90 average* | Maximum      | Minimum     | 30 cm (deg C)   | 100 cm (deg C) | Total fall (mm)         | Percentage of<br>1961 - 90 average* |               |      |                          |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |                |                |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Figures in bold and *italics* indicate some missing data

\*Figures in parentheses indicate some estimates used in the averages



# Summary of daily observations

| District<br>Region/<br>County<br>and Place |     | Air temperature (degrees C) |             |                               |                                       |              |             | Mean soil temp. |                | Rainfall (09 to 09 GMT) |                                     |                |                       | Weather (number of days) |     |               |                  |      |                   |               |           |           |                            | Bright sunshine               |      |                    |                                     |          |
|--|-----|-----------------------------|-------------|-------------------------------|---------------------------------------|--------------|-------------|-----------------|----------------|-------------------------|-------------------------------------|----------------|-----------------------|--------------------------|-----|---------------|------------------|------|-------------------|---------------|-----------|-----------|----------------------------|-------------------------------|------|--------------------|-------------------------------------|----------|
|  |     | Means of                    |             |                               | Difference from<br>1961 - 90 average* | Highest Max. | Lowest Min. |                 |                |                         |                                     | Most in a day  |                       | Precipitation            |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
|  |     | Maximum (A)                 | Minimum (B) |                               |                                       | Maximum      | Minimum     |                 |                |                         |                                     | 0.2 mm or more | 1.0 mm or more        |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
|  |     |                             |             | Daily mean<br>(mean of A + B) |                                       |              |             | 30 cm (deg C)   | 100 cm (deg C) | Total fall (mm)         | Percentage of<br>1961 - 90 average* | Amount (mm)    | Date                  |                          |     | Snow or sleet | Snow lying at 9h | Hail | Ice pellets, etc. | Thunder heard | Fog at 9h | Air frost | Grass min. below 0 (deg C) | Concrete min. below 0 (deg C) | Gale | Daily mean (hours) | Percentage of<br>1961 - 90 average* | Exposure |
| NORTHERN IRELAND - Continued               |     |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                       |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Londonderry - continued                    |     |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                       |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Coleraine University                       | 23  | 12.0                        | 5.5         | 8.8                           | 0.2                                   | 24.6         | -6.5        | 9.1             | 9.5            | 858                     | 89                                  | 44             | 20 Aug                | 213                      | 157 | 16            | 8                | 0    | 2                 | 0             | 2         | 55        | 131                        | -                             | 0    | 3.41               | 107                                 | -        |
| Antrim                                     |     |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                       |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     | 3        |
| Alnahinch                                  | 213 | 10.4                        | 5.0         | 7.7                           | 0.2                                   | 23.3         | -5.5        | -               | -              | 1411                    | 100                                 | 59             | 1 May                 | 236                      | 191 | 16            | 13               | 0    | 0                 | 0             | 11        | 44        | 90                         | -                             | 1    | 3.26               | 104                                 | -        |
| Belfast                                    |     |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                       |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Aldergrove Airport                         | 68  | 12.2                        | 5.7         | 8.9                           | 0.1                                   | 25.3         | -5.2        | 9.7             | 10.0           | 887                     | 103                                 | 24             | 20 Aug                | 202                      | 152 | 30            | 9                | 2    | 8                 | 3             | 9         | 55        | 105                        | 72                            | 1    | 3.65               | 103                                 | -        |
| Newforge                                   | 40  | 12.8                        | 5.9         | 9.3                           | -                                     | 25.2         | -6.0        | -               | -              | 929                     | -                                   | 26             | 3 Jan                 | 220                      | 150 | -             | 2                | -    | -                 | -             | -         | 43        | 98                         | -                             | -    | 3.05               | -                                   | -        |
| Oldparkdilliers                            | 58  | 12.2                        | 5.9         | 9.1                           | -                                     | 25.5         | -5.5        | -               | -              | 1059                    | -                                   | 25             | 3 Jan, 25 Oct         | 218                      | 161 | 5             | 0                | 1    | 0                 | 0             | 14        | 36        | 98                         | -                             | 0    | -                  | -                                   | -        |
| Camkough                                   | 12  | 11.9                        | 5.3         | 8.6                           | -0.4                                  | 24.0         | -3.0        | -               | -              | 791                     | 70                                  | 31             | 6 Jan                 | 155                      | 129 | 6             | 0                | 5    | 1                 | 0             | 0         | 19        | 0                          | -                             | 0    | -                  | -                                   | -        |
| Dungannon Filters                          | 271 | 10.3                        | 4.5         | 7.4                           | -                                     | 23.0         | -4.0        | -               | -              | 1406                    | -                                   | 55             | 30 Apr                | 221                      | 181 | 8             | 8                | 0    | 0                 | 0             | 47        | 69        | 122                        | -                             | 0    | -                  | -                                   | -        |
| Garron Tower                               | 62  | 11.6                        | 6.1         | 8.9                           | -                                     | 22.2         | -2.2        | -               | -              | 890                     | -                                   | 19             | 30 Apr, 5 Nov         | 187                      | 150 | 14            | 3                | 2    | 0                 | 1             | 3         | 13        | 0                          | -                             | 3    | -                  | -                                   | -        |
| Movanagher Fish Farm                       | 10  | 12.4                        | 5.2         | 8.8                           | -                                     | 24.5         | -5.2        | -               | -              | 926                     | -                                   | 43             | 20 Aug                | 227                      | 165 | 1             | 0                | 0    | 0                 | 0             | 1         | 60        | 74                         | -                             | 1    | -                  | -                                   | -        |
| Down                                       |     |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                       |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Ballykine Rockvale                         | 125 | 11.7                        | 5.7         | 8.7                           | -                                     | 26.0         | -6.6        | -               | -              | 1101                    | -                                   | 40             | 3 Jan                 | 209                      | 148 | 9             | 2                | 0    | 0                 | 2             | 10        | 38        | 51                         | -                             | 0    | -                  | -                                   | -        |
| Ballywattcock                              | 6   | 12.1                        | 6.1         | 9.1                           | 0.0                                   | 23.8         | -5.1        | 9.6             | 10.1           | 812                     | 102                                 | 29             | 3 Jan                 | 184                      | 129 | 16            | 1                | 0    | 3                 | 7             | 4         | 38        | 86                         | 64                            | 2    | 3.72               | 97                                  | -        |
| Belfast                                    |     |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                       |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Ravenhill Road                             | 10  | 12.9                        | 6.5         | 9.7                           | -                                     | 27.5         | -3.8        | -               | -              | 906                     | -                                   | 28             | 8 Feb                 | 202                      | 147 | 19            | 2                | 0    | 5                 | 5             | 3         | 34        | 85                         | -                             | 0    | -                  | -                                   | -        |
| Bryansford                                 | 85  | 12.4                        | 6.2         | 9.3                           | -0.1                                  | 25.7         | -10.6       | 10.3            | 10.4           | 1524                    | 115                                 | 65             | 4 Feb                 | 193                      | 151 | 7             | 2                | 0    | 1                 | 0             | 0         | 35        | 82                         | 77                            | 0    | 3.69               | 99                                  | S        |
| Downpatrick, Saul                          | 37  | 12.7                        | 4.0         | 8.3                           | -                                     | 23.0         | -8.2        | -               | -              | 951                     | -                                   | 36             | 5 Feb                 | 194                      | 139 | 1             | -                | -    | -                 | 0             | 7         | 69        | 76                         | -                             | -    | -                  | -                                   | -        |
| Helens Bay                                 | 43  | 12.6                        | 6.4         | 9.5                           | (0.1)                                 | 25.2         | -2.3        | 10.1            | 9.9            | 970                     | 111                                 | 24             | 11 Oct                | 199                      | 139 | 13            | 3                | 3    | 4                 | 8             | 5         | 22        | 92                         | -                             | 8    | -                  | -                                   | -        |
| Hillsborough                               | 116 | 11.7                        | 5.9         | 8.8                           | 0.3                                   | 24.0         | -3.1        | 9.6             | 9.6            | 862                     | 97                                  | 27             | 20 Aug                | 202                      | 144 | 13            | 4                | 0    | 0                 | 0             | 16        | 34        | 101                        | -                             | 1    | 3.70               | 101                                 | -        |
| Lough Cowey                                | 10  | 12.5                        | 6.3         | 9.4                           | 0.3                                   | 24.0         | -4.1        | -               | -              | 798                     | 99                                  | 27             | 3 Jan                 | 174                      | 130 | 4             | 1                | 0    | 1                 | 1             | 8         | 14        | 68                         | -                             | 0    | 3.88               | 103                                 | -        |
| Magherally                                 | 97  | 12.1                        | 4.4         | 8.2                           | -0.1                                  | 25.4         | -7.4        | 9.7             | 10.0           | 825                     | 100                                 | 21             | 3 Jan, 20 Aug, 24 Oct | 191                      | 144 | 25            | 6                | 14   | 0                 | 6             | 3         | 76        | 149                        | 89                            | 6    | -                  | -                                   | -        |
| Murlough                                   | 12  | 12.6                        | 6.0         | 9.3                           | 0.3                                   | 25.2         | -3.0        | 10.0            | 10.2           | 1020                    | 106                                 | 32             | 12 Mar                | 196                      | 141 | 13            | 2                | 1    | 8                 | 4             | 5         | 40        | 74                         | -                             | 29   | 3.38               | 88                                  | S        |
| Newry, Cambane                             | 8   | 12.7                        | 4.5         | 8.6                           | -                                     | 25.5         | -7.4        | -               | -              | 872                     | -                                   | 27             | 3 Jan                 | 180                      | 138 | 2             | 0                | 0    | 0                 | 0             | 6         | 67        | 118                        | -                             | 0    | 3.19               | -                                   | -        |
| Saintfield Rowallane                       | 95  | 12.1                        | 4.9         | 8.5                           | -                                     | 24.6         | -4.7        | 9.1             | -              | 1025                    | -                                   | 34             | 3 Jan                 | 209                      | 149 | 10            | 0                | 0    | 0                 | 2             | -         | 65        | 121                        | -                             | 0    | -                  | -                                   | -        |
| Silent Valley                              | 129 | 11.2                        | 5.9         | 8.6                           | 0.0                                   | 23.1         | -6.4        | -               | -              | 1511                    | 109                                 | 37             | 3 Jan                 | 202                      | 165 | 17            | 11               | 3    | 1                 | 2             | 17        | 36        | 81                         | -                             | 0    | 3.87               | 97                                  | -        |
| Trassey Slievenaman                        | 215 | 11.6                        | 4.9         | 8.3                           | -                                     | 22.8         | -6.0        | -               | -              | 2018                    | -                                   | 80             | 12 Mar                | 226                      | 173 | 24            | 14               | 0    | 4                 | 2             | 12        | 65        | 95                         | -                             | 9    | -                  | -                                   | -        |
| Armagh                                     |     |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                       |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Annaghmore                                 | 27  | 12.7                        | 5.1         | 8.9                           | -                                     | 25.8         | -8.0        | 10.4            | 10.8           | 762                     | 100                                 | 26             | 5 Aug                 | 200                      | 142 | 8             | 1                | 2    | 0                 | 0             | 0         | 63        | 133                        | 86                            | 0    | -                  | -                                   | -        |
| Armagh                                     | 62  | 12.6                        | 5.7         | 9.1                           | 0.1                                   | 25.3         | -5.6        | 10.3            | 10.6           | 751                     | 92                                  | 30             | 5 Aug                 | 189                      | 141 | 9             | 3                | 4    | 1                 | 1             | 8         | 52        | 104                        | -                             | 4    | 3.35               | 102                                 | S        |
| Castor Bay                                 | 17  | 12.6                        | 5.9         | 9.2                           | -                                     | 25.1         | -5.5        | -               | -              | 745                     | -                                   | 27             | 20 Aug                | 185                      | 142 | 4             | 1                | 0    | 0                 | 0             | 15        | 50        | 103                        | -                             | 0    | -                  | -                                   | -        |
| Tandragee, Ballylisk                       | 43  | 13.0                        | 5.2         | 9.1                           | -0.1                                  | 25.8         | -7.5        | -               | -              | 680                     | 87                                  | 17             | 8 Feb, 24 Nov         | 172                      | 135 | 4             | 2                | 1    | 0                 | 0             | 5         | 59        | 101                        | -                             | 0    | -                  | -                                   | -        |
| Tyrone                                     |     |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                       |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Baron's Court                              | 132 | 11.5                        | 5.4         | 8.4                           | -                                     | 24.5         | -4.3        | -               | -              | 1229                    | -                                   | 80             | 5 Aug                 | 231                      | 173 | 27            | 4                | 1    | 11                | 5             | 1         | 54        | 97                         | -                             | 4    | 2.97               | -                                   | -        |
| Edenfel                                    | 88  | 12.1                        | 4.8         | 8.5                           | -                                     | 25.0         | -7.5        | -               | -              | 1004                    | -                                   | 81             | 5 Aug                 | 228                      | 162 | 18            | 5                | 11   | 0                 | 2             | 10        | 74        | 120                        | -                             | 2    | -                  | -                                   | -        |
| Lough Bradan W. Works                      | 180 | 10.1                        | 3.3         | 6.7                           | -                                     | 20.8         | -5.0        | -               | -              | 1148                    | -                                   | 96             | 5 Aug                 | 183                      | 148 | -             | -                | -    | -                 | -             | 2         | 82        | 98                         | -                             | -    | -                  | -                                   | -        |
| Fermanagh                                  |     |                             |             |                               |                                       |              |             |                 |                |                         |                                     |                |                       |                          |     |               |                  |      |                   |               |           |           |                            |                               |      |                    |                                     |          |
| Lisnakea                                   | 49  | 12.9                        | 5.1         | 9.0                           | 0.0                                   | 25.5         | -6.8        | -               | -              | 1009                    | 103                                 | 81             | 5 Aug                 | 210                      | 157 | 11            | 4                | 0    | 0                 | 0             | 10        | 69        | 100                        | -                             | 0    | -                  | -                                   | -        |
| Lough Navar Forest                         | 126 | 11.6                        | 3.7         | 7.6                           | -0.5                                  | 25.0         | -7.6        | -               | -              | 1403                    | 96                                  | 35             | 5 Aug                 | 241                      | 196 | 23            | 23               | 0    | 0                 | 0             | 12        | 100       | 149                        | -                             | 0    | -                  | -                                   | -        |

Figures in bold and *italics* indicate some missing data

\*Figures in parentheses indicate some estimates used in the averages