

July

| DATE | Total cloud | Wind             |             | Present Weather | Visibility | Temperatures (°C) |          |                 |      |       |      |      |      |       | 0900 mb Press | state of ground without snow | state of ground with snow | Snow Depth Whole cm | Rainfall 09-09h Thrown back mm & 10ths | Sunshine | Weather 00 hrs - 24 hrs |          |         |      |
|------|-------------|------------------|-------------|-----------------|------------|-------------------|----------|-----------------|------|-------|------|------|------|-------|---------------|------------------------------|---------------------------|---------------------|--|----------|-------------------------|----------|---------|------|
|      |             | Dir. Whole deg.s | speed knots |                 |            | Dry bulb          | Wet bulb | Max thrown Back | Min  | Grass | Conc | Soil |      |       |               |                              |                           |                     |  |          | snow sleet              | Hail/Ice | Thunder | Gale |
|      |             |                  |             |                 |            |                   |          |                 |      |       |      | 30cm | 50cm | 100cm |               |                              |                           |                     |  |          |                         |          |         |      |
| 01   | 1           | 090              | 02          | 02              | 9          | 17.4              | 13.1     | 22.2            | 10.8 | 8.8   | 10.4 | 17.5 | 17.1 | 16.1  | 1019          | 0                            |                           |                     | 0.0                                    | 14.0     | 0                       | 0        | 0       | 0    |
| 02   | 2           | 250              | 05          | 05              | 7          | 18.8              | 16.0     | 19.4            | 9.9  | 5.4   | 9.4  | 18.0 | 17.4 | 16.0  | 1017          | 0                            |                           |                     | TR                                     | 2.6      | 0                       | 0        | 0       | 0    |
| 03   | 7           | 270              | 09          | 02              | 7          | 15.3              | 14.7     | 19.6            | 12.0 | 12.0  | 9.2  | 17.5 | 17.2 | 16.0  | 1013          | 1                            |                           |                     | 3.2                                    | 6.7      | 0                       | 0        | 0       | 0    |
| 04   | 8           | 230              | 05          | 02              | 7          | 16.9              | 16.0     | 17.3            | 15.1 | 14.4  | 15.1 | 17.8 | 17.2 | 16.0  | 999           | 0                            |                           |                     | 0.0                                    | 0.6      | 0                       | 0        | 0       | 0    |
| 05   | 4           | 270              | 09          | 01              | 9          | 12.1              | 11.5     | 17.6            | 9.8  | 10.1  | 10.5 | 17.3 | 17.3 | 16.0  | 996           | 1                            |                           |                     | 5.1                                    | 8.0      | 0                       | 0        | 0       | 0    |
| 06   | 4           | 180              | 02          | 02              | 8          | 16.3              | 14.5     | 18.8            | 9.4  | 3.9   | 7.0  | 17.1 | 17.1 | 16.0  | 1002          | 0                            |                           |                     | 7.1                                    | 7.1      | 0                       | 0        | 1       | 0    |
| 07   | 4           | 250              | 09          | 25              | 8          | 14.2              | 11.7     | 18.1            | 9.3  | 5.0   | 9.4  | 17.8 | 17.0 | 15.9  | 1010          | 1                            |                           |                     | 2.1                                    | 5.5      | 0                       | 0        | 0       | 0    |
| 08   | 8           | 000              | 00          | 50              | 7          | 12.9              | 11.5     | 18.3            | 11.0 | 9.3   | 11.5 | 17.2 | 17.0 | 15.9  | 1015          | 1                            |                           |                     | 5.6                                    | 2.7      | 0                       | 0        | 0       | 0    |
| 09   | 3           | 290              | 02          | 02              | 8          | 14.9              | 13.5     | 22.9            | 9.5  | 6.0   | 8.0  | 17.0 | 16.9 | 15.9  | 1019          | 1                            |                           |                     | 0.0                                    | 11.4     | 0                       | 0        | 0       | 0    |
| 10   | 1           | 020              | 02          | 02              | 8          | 17.0              | 13.6     | 22.8            | 9.5  | 5.0   | 7.8  | 17.6 | 17.2 | 15.9  | 1019          | 0                            |                           |                     | 0.0                                    | 12.4     | 0                       | 0        | 0       | 0    |
| 11   | 2           | 320              | 05          | 02              | 7          | 17.0              | 14.0     | 23.2            | 9.0  | 5.6   | 8.1  | 18.2 | 17.5 | 16.0  | 1018          | 0                            |                           |                     | 0.0                                    | 14.0     | 0                       | 0        | 0       | 0    |
| 12   | 6           | 320              | 02          | 02              | 8          | 19.5              | 15.2     | 21.5            | 11.4 | 7.4   | 10.5 | 18.7 | 18.0 | 16.4  | 1008          | 0                            |                           |                     | 6.8                                    | 6.3      | 0                       | 0        | 0       | 0    |
| 13   | 5           | 270              | 05          | 02              | 8          | 15.8              | 14.0     | 19.9            | 13.6 | 14.4  | 14.7 | 18.6 | 18.1 | 16.4  | 1005          | 1                            |                           |                     | 0.0                                    | 6.2      | 0                       | 0        | 0       | 0    |
| 14   | 5           | 230              | 05          | 02              | 8          | 17.0              | 13.6     | 19.3            | 8.9  | 3.2   | 6.0  | 18.2 | 18.0 | 16.7  | 1008          | 0                            |                           |                     | 4.4                                    | 1.4      | 0                       | 0        | 0       | 0    |
| 15   | 4           | 290              | 05          | 02              | 8          | 15.0              | 12.3     | 18.8            | 11.4 | 9.6   | 10.2 | 17.7 | 17.8 | 16.7  | 1016          | 1                            |                           |                     | TR                                     | 7.0      | 0                       | 0        | 0       | 0    |
| 16   | 8           | 200              | 05          | 02              | 7          | 15.8              | 13.0     | 19.8            | 11.2 | 6.9   | 9.7  | 17.7 | 17.7 | 16.5  | 1016          | 0                            |                           |                     | 5.4                                    | 0.9      | 0                       | 0        | 0       | 0    |
| 17   | 5           | 270              | 02          | 02              | 8          | 17.5              | 15.2     | 21.9            | 12.6 | 7.5   | 9.8  | 17.4 | 17.4 | 16.5  | 1021          | 1                            |                           |                     | 0.0                                    | 7.0      | 0                       | 0        | 0       | 0    |
| 18   | 8           | 110              | 09          | 02              | 7          | 16.8              | 14.4     | 20.7            | 13.0 | 11.0  | 11.6 | 18.0 | 17.5 | 16.4  | 1016          | 0                            |                           |                     | 0.1                                    | 2.2      | 0                       | 0        | 0       | 0    |
| 19   | 8           | 090              | 02          | 60              | 5          | 17.4              | 16.7     | 21.7            | 15.6 | 14.4  | 14.5 | 17.8 | 17.4 | 16.4  | 1010          | 1                            |                           |                     | 4.8                                    | 1.3      | 0                       | 0        | 0       | 0    |
| 20   | 8           | 250              | 05          | 02              | 6          | 16.4              | 16.0     | 22.2            | 14.8 | 11.3  | 12.7 | 18.0 | 17.5 | 16.4  | 1010          | 1                            |                           |                     | 0.0                                    | 6.8      | 0                       | 0        | 0       | 0    |
| 21   | 3           | 270              | 02          | 02              | 8          | 17.1              | 14.8     | 22.2            | 12.5 | 7.9   | 10.1 | 18.4 | 17.9 | 16.4  | 1019          | 0                            |                           |                     | 0.0                                    | 11.2     | 0                       | 0        | 0       | 0    |
| 22   | 1           | 290              | 02          | 02              | 9          | 18.8              | 15.4     | 26.6            | 12.2 | 9.2   | 10.7 | 18.4 | 18.0 | 16.0  | 1024          | 0                            |                           |                     | 0.0                                    | 12.0     | 0                       | 0        | 0       | 0    |
| 23   | 1           | 090              | 05          | 02              | 7          | 17.8              | 15.8     | 24.8            | 12.8 | 11.8  | 12.0 | 18.2 | 18.4 | 16.7  | 1024          | 0                            |                           |                     | 0.0                                    | 14.7     | 0                       | 0        | 0       | 0    |
| 24   | 1           | 090              | 90          | 05              | 6          | 17.8              | 15.7     | 26.0            | 12.4 | 10.0  | 11.0 | 19.1 | 18.5 | 17.0  | 1021          | 0                            |                           |                     | 0.0                                    | 14.3     | 0                       | 0        | 0       | 0    |
| 25   | 1           | 090              | 02          | 02              | 7          | 21.6              | 18.0     | 27.3            | 12.0 | 10.8  | 12.0 | 19.4 | 18.6 | 17.1  | 1020          | 0                            |                           |                     | 0.0                                    | 12.1     | 0                       | 0        | 0       | 0    |
| 26   | 5           | 000              | 00          | 02              | 7          | 19.9              | 16.5     | 27.3            | 12.7 | 8.7   | 10.8 | 19.3 | 18.7 | 17.2  | 1018          | 0                            |                           |                     | 13.0                                   | 7.2      | 0                       | 0        | 0       | 0    |
| 27   | 7           | 270              | 05          | 02              | 7          | 15.5              | 14.1     | 18.4            | 12.6 | 11.2  | 12.5 | 19.3 | 18.8 | 17.3  | 1016          | 1                            |                           |                     | 0.7                                    | 2.9      | 0                       | 0        | 0       | 0    |
| 28   | 2           | 070              | 05          | 02              | 8          | 18.2              | 15.1     | 23.5            | 11.1 | 8.9   | 9.6  | 18.5 | 18.5 | 17.4  | 1017          | 1                            |                           |                     | 0.6                                    | 11.9     | 0                       | 0        | 0       | 0    |
| 29   | 8           | 250              | 05          | 60              | 6          | 14.5              | 14.4     | 19.1            | 13.5 | 8.5   | 11.5 | 19.1 | 18.5 | 17.3  | 1016          | 1                            |                           |                     | 0.3                                    | 2.5      | 0                       | 0        | 0       | 0    |
| 30   | 8           | 230              | 09          | 60              | 7          | 14.3              | 13.7     | 17.8            | 13.4 | 11.8  | 13.0 | 18.3 | 18.3 | 17.2  | 1012          | 1                            |                           |                     | 3.7                                    | 0.8      | 0                       | 0        | 0       | 0    |
| 31   | 7           | 270              | 05          | 25              | 6          | 14.5              | 13.8     | 19.3            | 13.8 | 12.3  | 13.5 | 17.8 | 18.0 | 17.3  | 1010          | 1                            |                           |                     | 1.4                                    | 2.0      | 0                       | 0        | 0       | 0    |

# July

|       |  | Max   | Min   | Grass | Conc  | 30cm | 50cm | 100cm | Press |          |       |       |      |    |      |
|-------|--|-------|-------|-------|-------|------|------|-------|-------|----------|-------|-------|------|----|------|
| Total |  | 658.3 | 366.8 | 282.3 | 332.8 |      |      |       |       | Rainfall | Sun   | SI/Sn | Hail | Th | Gale |
| Mean  |  | 21.2  | 11.8  | 9.1   | 10.7  | 18.1 | 17.8 | 16.5  | 1014  | 64.3     | 215.7 | 0     | 0    | 1  | 0    |
|       |  |       |       |       |       |      |      |       |       |          | 7.1   |       |      |    |      |

|                |      |     |           |
|----------------|------|-----|-----------|
| Highest max °C | 27.3 | on: | 25th/26th |
| Lowest max °C  | 17.3 | on: | 4th       |
| Lowest min °C  | 8.9  | on: | 14th      |
| Highest min °C | 15.6 | on: | 19th      |
| Grass Min °C   | 3.2  | on: | 14th      |

| Number of days with:     |   |
|--------------------------|---|
| Air min below 0.0°C      | 0 |
| Grass min below 0.0°C    | 0 |
| Concrete min below 0.0°C | 0 |

| Rainfall                            | Total | %   | 10yr Avg |
|-------------------------------------|-------|-----|----------|
|                                     | 64.3  | 70% |          |
| Greatest fall in 24 hrs 09-09h:     | 13.0  | On: | 26th     |
| Number of days with 0.2 mm or more: | 15    |     |          |
| Number of days with 1.0 mm or more: | 12    |     |          |
| Number of days with 5.0 mm or more: | 6     |     |          |

|             |      |
|-------------|------|
| Mean Max °C | 21.2 |
| Mean Min °C | 11.7 |
| Mean °C     | 16.5 |

| Wind Direction 0900hrs |    |   |    |   |    |   |    |      |
|------------------------|----|---|----|---|----|---|----|------|
| N                      | NE | E | SE | S | SW | W | NW | Calm |
| 0                      | 2  | 5 | 1  | 1 | 8  | 7 | 5  | 2    |

|                 |           |
|-----------------|-----------|
| Max Gust        | 35mph 2nd |
| Mean Wind Speed | 5.7mph    |

|                |   |
|----------------|---|
| Fog at 0900hrs | 0 |
|----------------|---|

| Sunshine    |              |
|-------------|--------------|
| Total       | 215.7        |
| Sunniest    | 14.7hrs 23rd |
| Days no sun | 0            |

| Pressure |      |        |
|----------|------|--------|
| Mean     | 1014 | at obs |
| High     | 1025 | 22nd   |
| Low      | 995  | 4th    |

July 2014 . 3rd Warmest Mean Max on record a little way way behind last year but several degrees off July 2006. Overall Means 1c above normal. Rainfall was patchy with a dryer spell in the middle quarter of the month , no real downpours so the ground remained fairly dry throughout the month. 64.3mm or 70% of normal rainfall. Sunshine hours was well above normal with 130% 3rd sunniest July behind 2006 and 2013. Brief thunder heard on the 6th only.