

## MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR MAY 2024

|                                           |   |    |    |    |    | 0900GMT |      | Temperature |      |      | Soil temperatures (depth in cm) |      |      |      |      |      |    |    |      |      |   |   |   |   |   |        |        | Rain | Fr.  | Pch                              |                                |                               |  |
|-------------------------------------------|---|----|----|----|----|---------|------|-------------|------|------|---------------------------------|------|------|------|------|------|----|----|------|------|---|---|---|---|---|--------|--------|------|------|----------------------------------|--------------------------------|-------------------------------|--|
| DD                                        | N | dd | ff | ww | VV | Temp    | RH   | Max         | Min  | Gmin | 5                               | 10   | 20   | 30   | 50   | 100  | E  | SS | Rain | Sun  | S | L | H | T | G | F      | Press  | hrs  | hrs  | Evap                             |                                |                               |  |
| 01                                        | 8 | 05 | 02 | 02 | 97 | 14.2    | 83   | 19.3        | 9.7  | 6.0  | 11.6                            | 11.5 | 11.5 | 11.5 | 10.7 | 10.3 | 10 | 0  | 6.8  | 1.8  | 0 | 0 | 0 | 0 | 0 | 0      | 1010.0 | 1.4  | 0.0  | 1.1                              | Number of                      |                               |  |
| 02                                        | 8 | 05 | 02 | 05 | 96 | 12.3    | 93   | 15.4        | 11.2 | 9.9  | 12.0                            | 12.1 | 12.2 | 12.0 | 11.1 | 10.5 | 10 | 0  | 5.6  | 0.1  | 0 | 0 | 0 | 1 | 0 | 0      | 1001.5 | 5.0  | 0.0  | 0.5                              | days with                      |                               |  |
| 03                                        | 8 | 23 | 02 | 61 | 95 | 9.7     | 96   | 13.0        | 9.5  | 9.4  | 11.4                            | 11.6 | 11.9 | 12.0 | 11.2 | 10.6 | 10 | 0  | 3.7  | 0.0  | 0 | 0 | 0 | 0 | 0 | 0      | 1009.0 | 2.3  | 0.0  | 0.5                              | 2024                           | normal                        |  |
| 04                                        | 8 | 18 | 02 | 02 | 97 | 12.8    | 72   | 18.4        | 7.0  | 4.3  | 11.1                            | 11.0 | 11.5 | 11.7 | 11.2 | 10.6 | 10 | 0  | 0.0  | 6.9  | 0 | 0 | 0 | 0 | 0 | 0      | 1012.5 | 0.0  | 0.0  | 1.5                              | Snow/sleet falling             |                               |  |
| 05                                        | 1 | 05 | 02 | 02 | 97 | 16.5    | 63   | 18.9        | 5.4  | 3.6  | 11.1                            | 10.5 | 11.6 | 12.2 | 11.5 | 10.9 | 10 | 0  | 0.7  | 6.2  | 0 | 0 | 0 | 0 | 0 | 0      | 1009.0 | 0.3  | 0.0  | 1.4                              | 0                              | 0.0                           |  |
| 06                                        | 7 | 36 | 02 | 01 | 97 | 13.7    | 87   | 17.2        | 10.1 | 7.0  | 12.1                            | 12.2 | 12.6 | 12.5 | 11.7 | 11.0 | 10 | 0  | 6.2  | 0.0  | 0 | 0 | 0 | 0 | 0 | 0      | 1007.5 | 3.5  | 0.0  | 0.5                              | 50% snow cover 09GMT           |                               |  |
| 07                                        | 0 | 09 | 02 | 02 | 97 | 17.2    | 62   | 21.1        | 7.7  | 5.3  | 10.9                            | 11.2 | 12.0 | 12.4 | 11.7 | 11.1 | 10 | 0  | 0.0  | 12.7 | 0 | 0 | 0 | 0 | 0 | 0      | 1021.0 | 0.0  | 0.0  | 2.0                              | 0                              | 0.0                           |  |
| 08                                        | 2 | 09 | 02 | 05 | 96 | 13.9    | 75   | 21.8        | 8.9  | 6.1  | 12.4                            | 12.6 | 12.6 | 12.8 | 12.0 | 11.3 | 10 | 0  | 0.0  | 10.2 | 0 | 0 | 0 | 0 | 0 | 0      | 1030.0 | 0.0  | 0.0  | 2.1                              | Hail or ice pellets            |                               |  |
| 09                                        | 2 | 23 | 02 | 02 | 97 | 18.0    | 69   | 23.4        | 9.7  | 7.8  | 13.3                            | 13.5 | 13.4 | 13.6 | 12.7 | 11.4 | 10 | 0  | 0.0  | 12.6 | 0 | 0 | 0 | 0 | 0 | 0      | 1028.0 | 0.0  | 0.0  | 2.7                              | 0                              | 0.5                           |  |
| 10                                        | 3 | 09 | 02 | 02 | 97 | 20.4    | 57   | 25.1        | 10.1 | 7.9  | 13.7                            | 13.9 | 13.9 | 14.2 | 13.3 | 11.7 | 03 | 0  | 0.0  | 13.2 | 0 | 0 | 0 | 0 | 0 | 0      | 1025.0 | 0.0  | 0.0  | 3.1                              | Thunder                        |                               |  |
| 11                                        | 2 | 09 | 02 | 02 | 97 | 17.2    | 72   | 23.6        | 9.9  | 7.3  | 14.1                            | 14.3 | 14.6 | 14.6 | 13.6 | 11.9 | 03 | 0  | 0.0  | 11.8 | 0 | 0 | 0 | 0 | 0 | 0      | 1021.5 | 0.0  | 0.0  | 2.6                              | 2                              | 1.5                           |  |
| 12                                        | 7 | 09 | 05 | 05 | 97 | 20.8    | 64   | 27.6        | 11.7 | 8.8  | 14.2                            | 14.4 | 14.8 | 14.9 | 13.8 | 12.1 | 03 | 0  | 0.0  | 12.9 | 0 | 0 | 0 | 0 | 0 | 0      | 1013.5 | 0.0  | 0.0  | 3.4                              | Gale                           |                               |  |
| 13                                        | 8 | 18 | 09 | 09 | 97 | 15.1    | 74   | 18.9        | 12.8 | 11.2 | 15.1                            | 15.3 | 15.6 | 15.4 | 14.2 | 12.4 | 03 | 0  | 3.0  | 1.9  | 0 | 0 | 0 | 0 | 0 | 0      | 1008.0 | 2.6  | 0.0  | 2.0                              | 0                              | 0.0                           |  |
| 14                                        | 8 | 18 | 02 | 02 | 97 | 13.9    | 94   | 17.9        | 13.7 | 13.9 | 15.2                            | 15.4 | 15.5 | 15.1 | 14.1 | 12.5 | 10 | 0  | 0.3  | 1.0  | 0 | 0 | 0 | 0 | 0 | 0      | 1000.1 | 0.4  | 0.0  | 1.4                              | Fog at 09GMT                   |                               |  |
| 15                                        | 6 | 13 | 02 | 02 | 97 | 16.4    | 71   | 20.7        | 13.1 | 11.0 | 14.4                            | 14.5 | 15.0 | 14.8 | 14.0 | 12.7 | 10 | 0  | 0.0  | 10.8 | 0 | 0 | 0 | 0 | 0 | 0      | 1004.0 | 0.0  | 0.0  | 2.4                              | 0                              | 0.0                           |  |
| 16                                        | 8 | 00 | 00 | 00 | 97 | 15.3    | 82   | 18.7        | 8.6  | 6.6  | 13.2                            | 13.4 | 14.0 | 14.6 | 14.0 | 12.8 | 10 | 0  | 7.0  | 0.1  | 0 | 0 | 0 | 0 | 0 | 0      | 1004.5 | 0.8  | 0.0  | 0.8                              | Air frost                      |                               |  |
| 17                                        | 8 | 00 | 00 | 00 | 94 | 17.8    | 77   | 22.6        | 9.7  | 7.5  | 14.9                            | 14.2 | 14.2 | 14.3 | 13.9 | 12.9 | 10 | 0  | 0.0  | 10.0 | 0 | 0 | 0 | 0 | 0 | 0      | 1009.5 | 0.0  | 0.0  | 2.1                              | 0                              | 0.1                           |  |
| 18                                        | 7 | 05 | 02 | 02 | 96 | 15.7    | 80   | 19.9        | 11.1 | 9.0  | 12.9                            | 14.5 | 15.0 | 15.0 | 13.8 | 12.8 | 10 | 0  | tr   | 3.9  | 0 | 0 | 0 | 0 | 0 | 0      | 1013.5 | 0.0  | 0.0  | 1.4                              | Ground frost                   |                               |  |
| 19                                        | 7 | 36 | 02 | 02 | 97 | 16.1    | 71   | 23.8        | 8.5  | 6.4  | 13.7                            | 13.7 | 14.5 | 14.7 | 14.1 | 13.0 | 10 | 0  | 0.0  | 10.6 | 0 | 0 | 0 | 0 | 0 | 0      | 1014.5 | 0.0  | 0.0  | 2.8                              | 0                              | 1.3                           |  |
| 20                                        | 2 | 05 | 09 | 09 | 97 | 16.3    | 65   | 22.0        | 8.9  | 6.6  | 12.6                            | 13.1 | 14.4 | 15.0 | 14.2 | 13.1 | 10 | 0  | 0.0  | 14.1 | 0 | 0 | 0 | 0 | 0 | 0      | 1015.0 | 0.0  | 0.0  | 2.9                              | 0.2mm precipitation            |                               |  |
| 21                                        | 8 | 36 | 05 | 05 | 97 | 12.9    | 85   | 15.2        | 11.1 | 9.0  | 13.7                            | 14.1 | 14.9 | 15.1 | 14.4 | 13.1 | 03 | 0  | 3.5  | 0.0  | 0 | 0 | 0 | 0 | 0 | 0      | 1010.0 | 5.2  | 0.0  | 0.3                              | 15                             | 11.6                          |  |
| 22                                        | 8 | 27 | 02 | 02 | 97 | 13.8    | 97   | 15.9        | 12.9 | 12.6 | 14.3                            | 14.5 | 14.6 | 14.6 | 14.1 | 13.2 | 10 | 0  | 7.3  | 0.1  | 0 | 0 | 0 | 0 | 0 | 0      | 1005.5 | 4.2  | 0.0  | 0.5                              | 1.0mm precipitation            |                               |  |
| 23                                        | 8 | 27 | 09 | 09 | 97 | 14.4    | 77   | 18.8        | 11.8 | 10.0 | 13.9                            | 14.0 | 14.2 | 14.4 | 14.0 | 13.3 | 10 | 0  | 0.0  | 5.1  | 0 | 0 | 0 | 0 | 0 | 0      | 1013.5 | 0.0  | 0.0  | 2.0                              | 13                             | 8.7                           |  |
| 24                                        | 8 | 23 | 02 | 02 | 97 | 13.9    | 72   | 19.1        | 8.3  | 6.1  | 12.9                            | 13.0 | 13.9 | 14.6 | 14.1 | 13.2 | 10 | 0  | 0.0  | 5.8  | 0 | 0 | 0 | 0 | 0 | 0      | 1018.8 | 0.0  | 0.0  | 1.8                              | 5.0mm precipitation            |                               |  |
| 25                                        | 7 | 09 | 02 | 03 | 97 | 17.9    | 60   | 21.6        | 8.5  | 6.8  | 12.9                            | 13.1 | 14.0 | 14.8 | 14.2 | 13.3 | 10 | 0  | 5.1  | 11.4 | 0 | 0 | 0 | 0 | 0 | 0      | 1017.5 | 4.5  | 0.0  | 2.9                              | 7                              | 3.4                           |  |
| 26                                        | 8 | 18 | 02 | 80 | 97 | 16.4    | 85   | 20.8        | 12.9 | 12.4 | 14.6                            | 14.9 | 15.2 | 15.4 | 14.6 | 13.3 | 10 | 0  | 5.6  | 6.5  | 0 | 0 | 0 | 1 | 0 | 0      | 1010.5 | 1.2  | 0.0  | 1.3                              | No sunshine                    |                               |  |
| 27                                        | 7 | 23 | 05 | 03 | 97 | 15.6    | 63   | 19.2        | 10.2 | 8.7  | 12.9                            | 13.9 | 15.0 | 15.5 | 14.8 | 13.4 | 10 | 0  | 1.4  | 9.8  | 0 | 0 | 0 | 0 | 0 | 0      | 1015.0 | 1.0  | 0.0  | 2.2                              | 4                              | 2.5                           |  |
| 28                                        | 8 | 18 | 02 | 60 | 96 | 14.6    | 94   | 18.6        | 10.3 | 8.5  | 14.0                            | 14.4 | 14.9 | 15.5 | 14.8 | 13.5 | 10 | 0  | 2.2  | 0.0  | 0 | 0 | 0 | 0 | 0 | 0      | 1012.5 | 1.2  | 0.0  | 0.8                              | The warmest May since 2018     |                               |  |
| 29                                        | 7 | 27 | 05 | 02 | 97 | 18.6    | 68   | 20.7        | 12.6 | 11.4 | 14.3                            | 14.4 | 14.9 | 15.1 | 14.6 | 13.7 | 10 | 0  | tr   | 5.3  | 0 | 0 | 0 | 0 | 0 | 0      | 1009.5 | 0.0  | 0.0  | 2.2                              | although 27.6C was only the    |                               |  |
| 30                                        | 8 | 27 | 02 | 02 | 97 | 16.1    | 71   | 18.2        | 12.4 | 11.6 | 14.3                            | 14.7 | 15.3 | 15.6 | 14.9 | 13.6 | 10 | 0  | 2.9  | 1.4  | 0 | 0 | 0 | 0 | 0 | 0      | 1009.5 | 1.4  | 0.0  | 1.2                              | highest May temperature for    |                               |  |
| 31                                        | 7 | 31 | 09 | 02 | 97 | 12.9    | 76   | 15.6        | 11.0 | 9.4  | 13.8                            | 13.9 | 14.5 | 15.2 | 14.7 | 13.7 | 10 | 0  | tr   | 0.2  | 0 | 0 | 0 | 0 | 0 | 0      | 1019.0 | 0.0  | 0.0  | 1.3                              | four years. The 100 cm depth   |                               |  |
| Monthly means                             |   |    |    |    |    | 15.5    | 76   | 19.8        | 10.3 | 8.5  | 13.3                            | 13.5 | 13.9 | 14.2 | 13.4 | 12.4 |    |    |      |      |   |   |   |   |   |        | 1012.9 |      |      |                                  |                                | mean soil temperature was the |  |
| Monthly totals                            |   |    |    |    |    |         |      |             |      |      |                                 |      |      |      |      |      |    |    |      |      |   |   |   |   |   |        |        |      |      | highest since 2011 for May. The  |                                |                               |  |
| Highest values                            |   |    |    |    |    |         |      |             |      |      |                                 |      |      |      |      |      |    |    |      |      |   |   |   |   |   |        |        |      |      | sunshine total was less than in  |                                |                               |  |
| Lowest values                             |   |    |    |    |    | 20.8    |      | 27.6        | 13.7 | 13.9 | 15.2                            | 15.4 | 15.6 | 15.6 | 14.9 | 13.7 |    |    |      |      |   |   |   |   |   |        | 5.2    | 0.0  | 3.4  | 2023 but slightly more than in   |                                |                               |  |
| 1991-2020 monthly climatological averages |   |    |    |    |    | 9.7     | 57   | 13.0        | 5.4  | 3.6  | 10.9                            | 10.5 | 11.5 | 11.5 | 10.7 | 10.3 |    |    |      |      |   |   |   |   |   |        |        |      |      |                                  | 2022. Rainfall was the most in |                               |  |
|                                           |   |    |    |    |    | 72      | 18.6 | 8.6         | 6.4  | 12.0 | 12.2                            | 13.1 | 13.1 | 12.4 | 11.5 |      |    |    |      |      |   |   |   |   |   | 1016.4 | 38.3   | 0.1  | 68.1 | May for three years - although 7 |                                |                               |  |
|                                           |   |    |    |    |    |         |      |             |      |      |                                 |      |      |      |      |      |    |    |      |      |   |   |   |   |   |        |        |      |      | days recorded 5 mm or more,      |                                |                               |  |
|                                           |   |    |    |    |    |         |      |             |      |      |                                 |      |      |      |      |      |    |    |      |      |   |   |   |   |   |        |        |      |      | the greatest number in May       |                                |                               |  |
|                                           |   |    |    |    |    |         |      |             |      |      |                                 |      |      |      |      |      |    |    |      |      |   |   |   |   |   |        |        |      |      | (with 2006) since 8 days in      |                                |                               |  |
|                                           |   |    |    |    |    |         |      |             |      |      |                                 |      |      |      |      |      |    |    |      |      |   |   |   |   |   |        |        |      |      | 2002.                            |                                |                               |  |

Key  
DD: date

07GMT observations

|    |                                                                            |    |                             |
|----|----------------------------------------------------------------------------|----|-----------------------------|
| N  | cloud cover (oktas, 9=obscured)                                            | dd | wind direction (degrees/10) |
| ff | wind speed (knots)                                                         |    |                             |
| ww | present weather code                                                       |    |                             |
| 1  | cloud decreasing                                                           | 50 | intermittent slight drizzle |
| 2  | sky not changing                                                           | 60 | intermttent slight rain     |
| 3  | cloud increasing                                                           | 63 | continuous moderate rain    |
| 21 | recent rain shower                                                         | 80 | slight rain hower           |
| VV | visibility (00-50 metres/100, 94 very poor, 95 poor, 96 moderate, 97 good) |    |                             |

Soil temperatures are for 0700GMT beneath bare soil (5, 10, 20cm) or grass (30, 50, 100cm)

09GMT observations

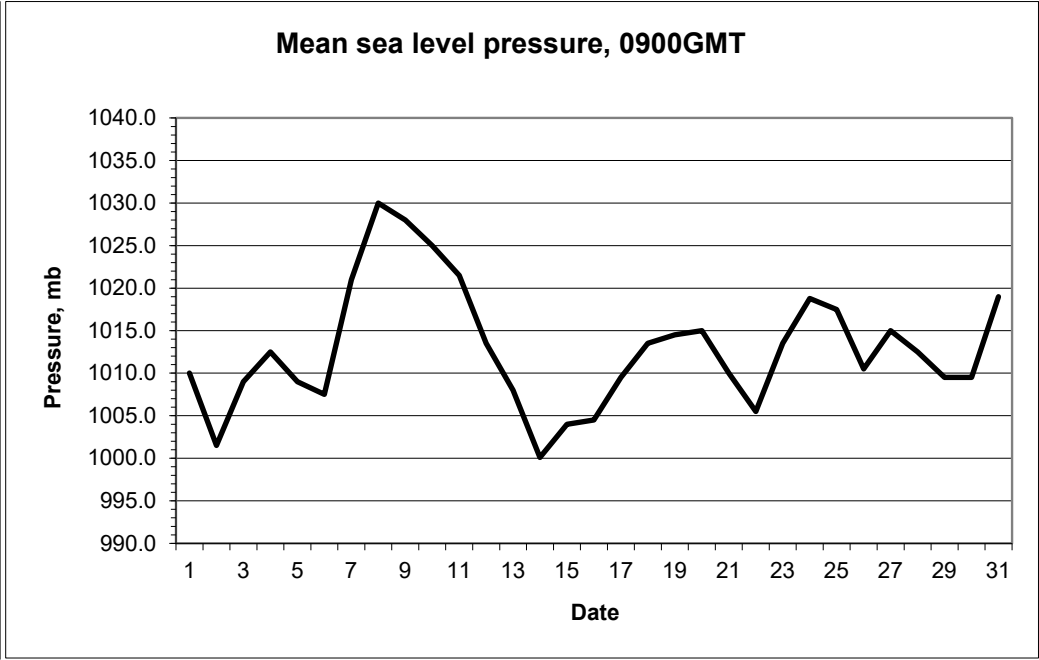
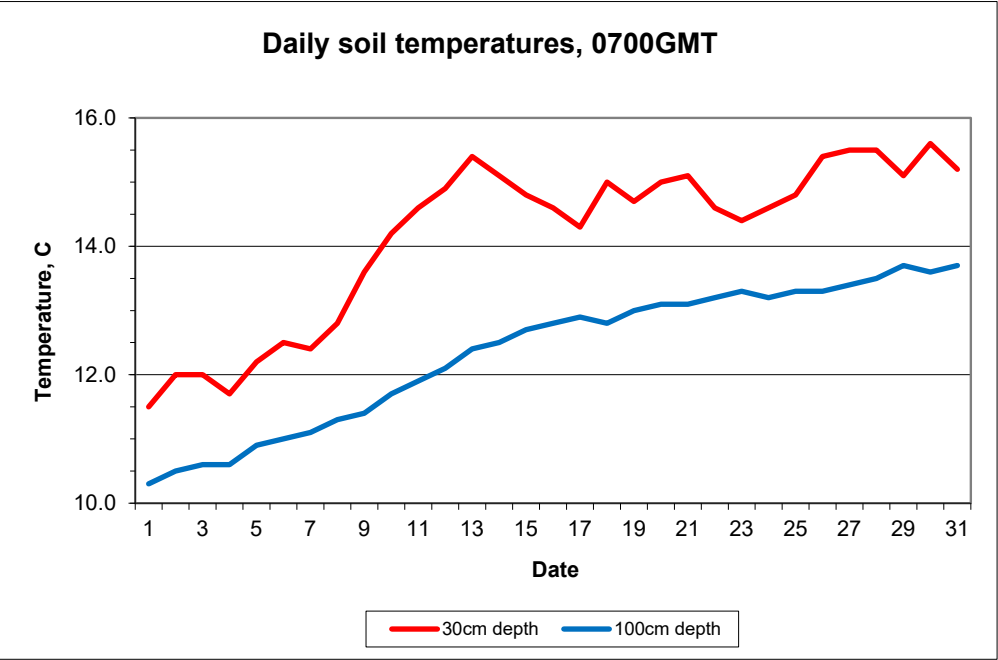
|       |                                                        |    |                       |
|-------|--------------------------------------------------------|----|-----------------------|
| Temp  | temperature (degC)                                     | RH | relative humidity (%) |
| E     | state of ground (00 dry, 10 moist, 20 wet, 90 cracked) | SS | snow depth (cm)       |
| Press | air pressure (mb)                                      |    |                       |

24 hour readings

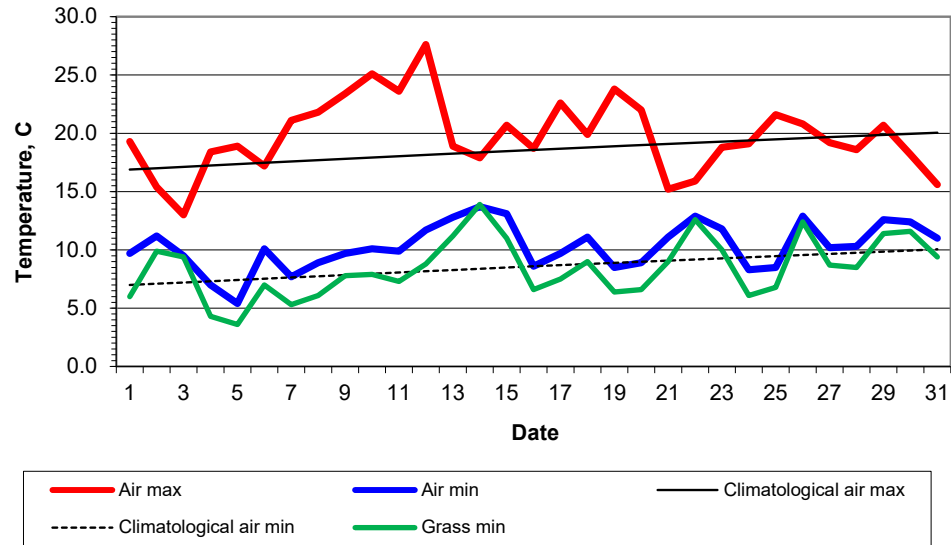
|         |                                               |          |                                         |
|---------|-----------------------------------------------|----------|-----------------------------------------|
| Max     | maximum temperature (degC) beginning 09GMT    | Min      | minimum temperature (degC) ending 09GMT |
| Gmin    | grass minimum temperature (degC) ending 09GMT | Rain     | precipitation beginning 09GMT           |
| Sun     | sunshine (hours) sunrise-sunset               | Rain hrs | hours of rainfall (>0.1mm/h) 09-09GMT   |
| Fr. Hrs | hours of air frost (00-24GMT)                 | Pch Evap | Piche evaporation (ml) beginning 09GMT  |

Days with

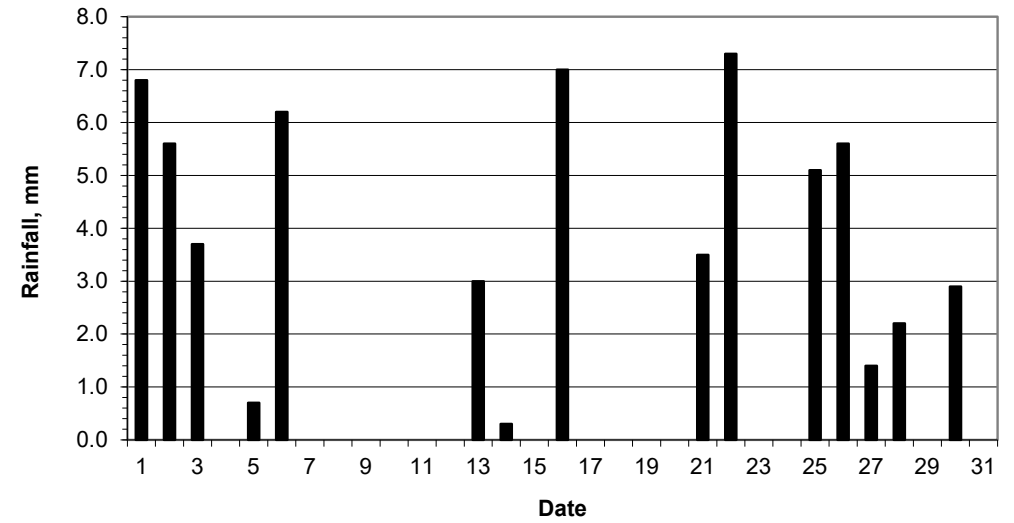
|   |                             |   |                         |   |                     |
|---|-----------------------------|---|-------------------------|---|---------------------|
| S | snow(5) or sleet(1) falling | L | 50% snow cover at 09GMT | H | hail or ice pellets |
| T | thunder heard               | G | gale                    | F | fog at 09GMT        |



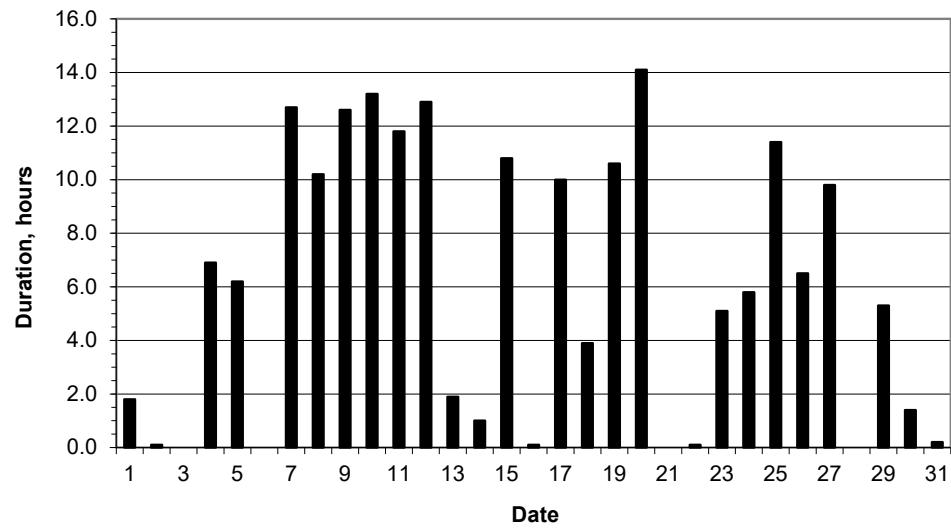
### Daily temperature extremes



### Daily rainfall



### Daily sunshine



### Daily evaporation

