

Radcliffe Meteorological Station
 School of Geography - University of Oxford
 Monthly Summary of Weather at Oxford for May 2023

| | | Difference from long period mean |
|--|--------------------------|---|
| Mean air temperature (°C) | 12.7 | 1.1 |
| Absolute maximum air temperature (°C) | 21.8 (28 th) | -2.4 |
| Lowest maximum air temperature (°C) | 13.7 (13 th) | |
| Mean maximum air temperature (°C) | 18.3 | 1.5 |
| Absolute minimum air temperature (°C) | 4.5 (3 rd) | 3.0 |
| Mean minimum air temperature (°C) | 8.4 | 1.1 |
| Absolute minimum grass temperature (°C) | 1.4 (21 st) | 4.1 |
| Mean minimum grass temperature (°C) | 6.1 | 1.4 |
| Absolute minimum concrete temperature (°C) | 4.6 (3 rd) | 3.1 |
| Mean minimum concrete temperature (°C) | 8.7 | 1.2 |
| Mean soil temperature at 30 cm (°C) | 15.2 | 2.0 |
| Mean soil temperature at 100 cm (°C) | 13.0 | |
| Highest daily rainfall (mm) | 14.7 (19 th) | |
| Total rainfall (mm) | 51.4 | -0.2 |
| Total bright sunshine (hours) | 227.8 | 30.9 |
| Mean daily bright sunshine (hours) | 7.3 | |
| Mean wind speed (knots) | 9.3 | 0.8 |
| No. of rain days (0.2 mm or more rainfall) | 10.0 | -4.0 |
| No. of wet days (1.0 mm or more rainfall) | 6.0 | |
| No. of days with minimum temperature less than 0°C | 0.0 | 0.0 |
| No. of days with ground temperature less than 0°C | 0.0 | -4.0 |
| No. of days with fog at 0900 GMT | 0.0 | 0.0 |
| No. of days with snow lying at 0900 GMT | 0.0 | 0.0 |

Bold denotes anomalies in excess of **one** standard deviation above/below the long-term mean for May, while **bold** with an asterisk (*) denotes two standard deviations above/below, and bold with two asterisks (**) denotes three standard deviations above/below.

Notes

May 2023 was a fairly typical month, with no variables exceeding one standard deviation above or below the long-term mean. In general, the month was of average temperature and rather sunny; the mean maximum air temperature was 1.49°C colder than the long term mean while there were 30.9 more hours of sunshine. Notably, there were no frost days this month: on no day was the ground temperature less than 0°C and the lowest minimum temperature recorded by the grass minimum thermometer was 1.4°C on the 21st May 2023.

All available reports can be found on our website (www.geog.ox.ac.uk/research/climate/rms). Please contact rms@ouce.ox.ac.uk for further information or to request data from the weather station.

Charlie Knight (09/06/2023)

Radcliffe Meteorological Observer