

Radcliffe Meteorological Station
 School of Geography - University of Oxford
 Monthly Summary of Weather at Oxford for *April 2022*

| | | Difference from long period mean |
|--|---|---|
| Mean air temperature (°C) | 9.6 | 1.2 |
| Absolute maximum air temperature (°C) | 21.9 (15 th) | 2.0 |
| Lowest maximum air temperature (°C) | 9.1 (1 st) | |
| Mean maximum air temperature (°C) | 15.3 | 2.0 |
| Absolute minimum air temperature (°C) | -2.6 (3 rd) | -1.5 |
| Mean minimum air temperature (°C) | 4.8 | 0.4 |
| Absolute minimum grass temperature (°C) | -7.3 (3 rd) | -2.0 |
| Mean minimum grass temperature (°C) | 1.1 | -0.5 |
| Absolute minimum concrete temperature (°C) | -2.8 (2 nd , 3 rd) | -0.8 |
| Mean minimum concrete temperature (°C) | 4.0 | -0.1 |
| Mean soil temperature at 30 cm (°C) | 10.8 | 1.5 |
| Mean soil temperature at 100 cm (°C) | 10.1 | |
| Highest daily rainfall (mm) | 4.4 (3 rd) | |
| Total rainfall (mm) | 13.8 | -29.7 |
| Total bright sunshine (hours) | 181.7 | 26.9 |
| Mean daily bright sunshine (hours) | 6.1 | |
| Mean wind speed (knots) | 8.1 | -1.2 |
| No. of rain days (0.2 mm or more rainfall) | 7.0 | -6.4 |
| No. of wet days (1.0 mm or more rainfall) | 4.0 | |
| No. of days with minimum temperature less than 0°C | 3.0 | 0.3 |
| No. of days with ground temperature less than 0°C | 10.0 | -0.5 |
| No. of days with fog at 0900 GMT | 0.0 | -0.4 |
| No. of days with snow lying at 0900 GMT | 0.0 | -0.1 |

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

Notes

April was an unseasonably dry month in Oxford, with the monthly rainfall total (13.8 mm) only 32% of the long-term mean value. Almost three quarters of the total rainfall was received in the first week of April; the month finishing with a prolonged dry spell (no rainfall was recorded from the 17th – 30th). Accordingly, the number of rain days (7.0) was also one standard deviation below the long-term mean, whilst the total sunshine recorded (181.7 hours) was above average for the time of year, with the 21st (13.0 hours) registering as the sunniest April day in Oxford since 2015. Although relatively warm (mean air temperature of 9.6°C), the morning of the 3rd registered a minimum grass temperature of -7.3°C, the lowest reading for this metric in the month of April since 1997.

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.

Matt Clements (20/05/2022)
Radcliffe Meteorological Observer