

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

		Difference from long period mean
Mean air temperature (°C)	8.0	2.2
Absolute maximum air temperature (°C)	19.1 (22 nd)	2.7
Lowest maximum air temperature (°C)	7.3 (6 th , 31 st)	
Mean maximum air temperature (°C)	12.7	2.5
Absolute minimum air temperature (°C)	-0.8 (21 st)	2.5
Mean minimum air temperature (°C)	4.0	1.5
Absolute minimum grass temperature (°C)	-5.8 (21 st)	1.5
Mean minimum grass temperature (°C)	1.2	1.3
Absolute minimum concrete temperature (°C)	-2.0 (21 st)	2.2
Mean minimum concrete temperature (°C)	2.8	0.6
Mean soil temperature at 30 cm (°C)	7.9	1.8
Mean soil temperature at 100 cm (°C)	8.1	
Highest daily rainfall (mm)	20.6 (16 th)	
Total rainfall (mm)	40.9	-0.5
Total bright sunshine (hours)	154.3	40.1
Mean daily bright sunshine (hours)	5.0	
Mean wind speed (knots)	8.0	-1.8
No. of rain days (0.2 mm or more rainfall)	11.0	-3.1
No. of wet days (1.0 mm or more rainfall)	5.0	
No. of days with minimum temperature less than 0°C	2.0	-5.1
No. of days with ground temperature less than 0°C	16.0	0.0
No. of days with fog at 0900 GMT	2.0	0.3
No. of days with snow lying at 0900 GMT	0.0	-0.9

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

Notes

Last month was unseasonably mild, with a mean air temperature of 8.0°C making it the 5th warmest March in Oxford in the 21st century, and several other temperature metrics registering values in excess of one standard deviation above the long-term average. A spell of fine weather between the 17th – 26th ensured the total sunshine hours for the month (154.3) were ≈ 35% above the long-term mean, whilst the number of rain days (11.0) were low for the time of year. The fact that the total rainfall recorded was around average for March owed largely to the 20.6 mm received on the 16th, an amount which accounted for over half of the monthly total (40.9 mm).

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 (18/04/2022)

Radcliffe Meteorological Observer