

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

		Difference from long period mean
Mean air temperature (°C)	13.9	2.3
Absolute maximum air temperature (°C)	24.6 (17 th)	0.4
Lowest maximum air temperature (°C)	13.1 (1 st)	
Mean maximum air temperature (°C)	19.0	2.2
Absolute minimum air temperature (°C)	5.3 (9 th)	3.8*
Mean minimum air temperature (°C)	9.7	2.4*
Absolute minimum grass temperature (°C)	0.1 (9 th)	2.8
Mean minimum grass temperature (°C)	7.1	2.4
Absolute minimum concrete temperature (°C)	5.4 (9 th)	3.9*
Mean minimum concrete temperature (°C)	9.6	2.1*
Mean soil temperature at 30 cm (°C)	15.3	2.1
Mean soil temperature at 100 cm (°C)	13.3	
Highest daily rainfall (mm)	10.8 (18 th)	
Total rainfall (mm)	42.1	-9.5
Total bright sunshine (hours)	202.1	9.3
Mean daily bright sunshine (hours)	6.5	
Mean wind speed (knots)	8.2	-0.3
No. of rain days (0.2 mm or more rainfall)	17.0	3.5
No. of wet days (1.0 mm or more rainfall)	13.0	
No. of days with minimum temperature less than 0°C	0.0	-0.3
No. of days with ground temperature less than 0°C	0.0	-3.6
No. of days with fog at 0900 GMT	0.0	-0.1
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.

Notes

With a mean air temperature of 13.9°C, last month was the joint 5th warmest May in the Oxford record. Indeed, all but one of the temperature metrics were at least one standard deviation above the long-term average, whilst the values for absolute (5.3°C) and mean (9.7°C) minimum air temperature are the 2nd highest recorded for the month of May. This was also the first time since 2015 that there were no instances of ground frost during May. Temperature aside, it was a fairly average month for the time of year; total rainfall (42.1 mm) and mean wind speed (8.2 knots) were not unseasonably low, whilst the total number of sunshine hours recorded (202.1 hours) were just above the long-term mean.

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 (20/06/2022)

Radcliffe Meteorological Observer