

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

		Difference from long period mean
Mean air temperature (°C)	9.0	2.5
Absolute maximum air temperature (°C)	16.1 (11 th)	1.0
Lowest maximum air temperature (°C)	6.1 (29 th)	
Mean maximum air temperature (°C)	12.8	2.8
Absolute minimum air temperature (°C)	3.6 (29 th)	6.4*
Mean minimum air temperature (°C)	7.6	3.7*
Absolute minimum grass temperature (°C)	-1.2 (29 th)	5.2*
Mean minimum grass temperature (°C)	4.3	3.1
Absolute minimum concrete temperature (°C)	1.4 (23 rd)	5.2*
Mean minimum concrete temperature (°C)	5.5	2.5
Mean soil temperature at 30 cm (°C)	10.2	2.2
Mean soil temperature at 100 cm (°C)	12.3	
Highest daily rainfall (mm)	17.6 (16 th)	
Total rainfall (mm)	108.6	46.6
Total bright sunshine (hours)	81.8	16.5
Mean daily bright sunshine (hours)	2.7	
Mean wind speed (knots)	10.4	1.4
No. of rain days (0.2 mm or more rainfall)	21.0	5.0
No. of wet days (1.0 mm or more rainfall)	15.0	
No. of days with minimum temperature less than 0°C	0.0	-5.0
No. of days with ground temperature less than 0°C	3.0	-9.1
No. of days with fog at 0900 GMT	1.0	-2.6
No. of days with snow lying at 0900 GMT	0.0	-0.2

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

Notes

Despite feeling like a wet month, November 2022 was only the 28th wettest November recorded at RMS Oxford, with a total of 108.6mm. Similar to the previous month, November 2022 was unusually warm, again with 9 of the 10 temperature measurements over one standard deviation away from their long-term means. The absolute minimum air temperature (3.6°C on 29th November) is a new record for the station for November, over 1°C greater than the previous record (2.4°C) from 2009. The mean minimum air temperature (7.6°C) is only 0.6°C cooler than the warmest November value for this measurement (8.4°C recorded in 1994).

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.

Sophie Harbord (05/12/2022)

Radcliffe Meteorological Observer