

Radcliffe Meteorological Station
School of Geography - University of Oxford
Monthly Summary of Weather at Oxford for *May 2025*.

			Difference from 1991-2020 average
Temperature			
Mean air temperature	°C	14.0	+1.1
Mean daily maximum temperature	°C	19.7	+2.1
Mean daily minimum temperature	°C	8.3	+0.1
Highest maximum temperature	°C	27.5	+2.5
Lowest maximum temperature	°C	13.2	+1.6
Highest minimum temperature	°C	14.0	+0.4
Lowest minimum temperature	°C	2.2	+0.1
Air frosts (screen minimum < 0 °C)	days	0	-0.1
Mean minimum grass temperature	°C	5.5	+0.3
Lowest grass minimum temperature	°C	-3.1	-1.0
Ground frosts (grass minimum < 0 °C)	days	4	+1.2
Mean concrete minimum temperature	°C	7.9	+0.3
Lowest concrete minimum temperature	°C	1.5	+0.1
Mean soil temperature at 30 cm at 0900 UTC	°C	15.7	+1.6*
Mean soil temperature at 100 cm at 0900 UTC	°C	13.8	
Precipitation			
Total precipitation	mm	28.9	51 %
Wettest day	mm	9.5	60 %
No. of rain days (0.2 mm or more rainfall)	days	9	-4.1
No. of wet days (1.0 mm or more rainfall)	days	6	-3.7
Sunshine duration			
Total bright sunshine	hours	256.5	128 %
Mean daily bright sunshine	hours	8.3	+1.8
Sunniest day	hours	14.2	
Mean wind speed at 0900 UTC (at 10 m)	knots	5.9	
No. of days with fog at 0900 UTC	days	0	-0.1
No. of days with snow lying at 0900 UTC	days	0	0.0

Bold denotes anomalies in excess of **one** standard deviation above/below the long-term mean, while **bold** with an asterisk (*) denotes two standard deviations above/below, and bold with two asterisks (**) denotes three standard deviations above/below. Standard deviations are not reported for counts (N. of days), lowest maximum/highest minimum temperature, wettest day and mean daily bright sunshine.

Notes

Continuing the theme from March and April, May was sunny and dry. The month received 51% of expected rainfall at 28.9mm and 128% of expected sunshine at 256.5 hours. This contributed to the 2nd sunniest meteorological spring on record at RMS, with total bright sunshine hours of 679, behind only 2020 (722.7 hours). A number of temperature metrics were >1 standard deviation above the standard period mean, including mean air temperature (14.0°C), mean daily maximum temperature (19.7°C), and the highest maximum temperature (27.5°C recorded on May 1st).

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 (12.06.2025)

Radcliffe Meteorological Observer