

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

			Difference from 1991-2020 average
Temperature			
Mean air temperature	°C	19.8	+1.7
Mean daily maximum temperature	°C	25.1	+2.0
Mean daily minimum temperature	°C	14.4	+1.3
Highest maximum temperature	°C	32.7	+2.8
Lowest maximum temperature	°C	21.1	+3.3
Highest minimum temperature	°C	21.0	+3.6
Lowest minimum temperature	°C	9.7	+0.8
Air frosts (screen minimum < 0 °C)	days	0	0.0
Mean minimum grass temperature	°C	11.7	+1.3
Lowest grass minimum temperature	°C	4.8	+0.7
Ground frosts (grass minimum < 0 °C)	days	0	0.0
Mean concrete minimum temperature	°C	12.5	-0.2
Lowest concrete minimum temperature	°C	8.7	+1.0
Mean soil temperature at 30 cm at 0900 UTC	°C	21.4	+2.2*
Mean soil temperature at 100 cm at 0900 UTC	°C	18.8	
Precipitation			
Total precipitation	mm	40.7	77 %
Wettest day	mm	9.9	54 %
No. of rain days (0.2 mm or more rainfall)	days	15	+3.5
No. of wet days (1.0 mm or more rainfall)	days	8	-0.3
Sunshine duration			
Total bright sunshine	hours	236.4	111 %
Mean daily bright sunshine	hours	7.63	+0.8
Sunniest day	hours	15.9	
Mean wind speed at 0900 UTC (at 10 m)	knots	4.0	
No. of days with fog at 0900 UTC	days	0	-0.2
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

July in Oxford was notably warmer and sunnier than the 1991–2020 average. All temperature metrics recorded at the station were above normal, with mean air, soil, and grass temperatures all showing clear positive deviations. In fact, the highest minimum temperature of July at 21.0°C was the second warmest night on record in Oxford, after the 21.2°C recorded on the 20th July 2016. Interestingly, despite more days with recorded rainfall (15 vs an average of 11.5), total precipitation was below average (77%). Sunshine hours exceeded that expected by 11% making it a sunny and dry month overall.

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 (04.08.2025)

Radcliffe Meteorological Observer