

Radcliffe Meteorological Station
School of Geography - University of Oxford
Monthly Summary of Weather at Oxford for *July 2026*.

			Difference from 1991-2020 average
Temperature			
Mean air temperature	°C	21.4	+3.3*
Mean daily maximum temperature	°C	28.1	+5.0*
Mean daily minimum temperature	°C	14.8	+1.7
Highest maximum temperature	°C	34.3	+4.4
Lowest maximum temperature	°C	23.2	+5.4
Highest minimum temperature	°C	19.0	+1.6
Lowest minimum temperature	°C	9.7	+0.8
Air frosts (screen minimum < 0 °C)	<i>days</i>	0	0.0
Mean minimum grass temperature	°C	12.0	+1.6
Lowest grass minimum temperature	°C	5.3	+1.2
Ground frosts (grass minimum < 0 °C)	<i>days</i>	0	0.0
Mean concrete minimum temperature	°C	14.4	+1.7
Lowest concrete minimum temperature	°C	10.0	+2.3
Mean soil temperature at 30 cm at 0900 UTC	°C	23.3	+4.1***
Mean soil temperature at 100 cm at 0900 UTC	°C	20.2	
Precipitation			
Total precipitation	<i>mm</i>	1.7	3 %
Wettest day	<i>mm</i>	1.2	7 %
No. of rain days (0.2 mm or more rainfall)	<i>days</i>	2	-9.5
No. of wet days (1.0 mm or more rainfall)	<i>days</i>	1	-7.3
Sunshine duration			
Total bright sunshine	<i>hours</i>	348.8	164 %**
Mean daily bright sunshine	<i>hours</i>	11.3	+4.4
Sunniest day	<i>hours</i>	15.4	
Mean wind speed at 0900 UTC (at 10 m)	<i>knots</i>	4.7	
No. of days with fog at 0900 UTC	<i>days</i>	0	-0.2
No. of days with snow lying at 0900 UTC	<i>days</i>	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, bold with two asterisks (**) denotes three standard deviations above/below, and bold with three asterisks (***) denotes four 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

Following on from the warmest June on record, July was the warmest July on record at the RMS. The mean air temperature of 21.4 °C surpassed the previous record of 21.1 °C, set in 1983. The mean daily maximum temperature was also notably high at 28.1 °C, 5.0 °C warmer than the 1991-2020 average. There were 19 heatwave days across the month (maximum air temperature ≥ 27 °C) bringing the total number of heatwave days in 2026 so far to 35. Eight days reached 30 °C or above taking the annual total to 17 days. In comparison, the 1991-2020 average is 2.6 days per year reaching 30 °C or above illustrating the extremity of 2026 so far. The mean soil temperature at 30 cm at 0900 UTC was also remarkably over four standard deviations above the 1991-2020 mean.

As well as being warm, July was also sunny and dry. A total of 348.8 hours of bright sunshine made it the sunniest month on record, exceeding the previous record, set in May 2020, by 17.1 hours. It was also the third driest July on record after 1825 and 1800 when 0.8 mm and 1.2 mm were recorded, respectively.

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.

Alice Jardine (06.08.2026)

Radcliffe Meteorological Observer