

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

			Difference from 1991-2020 average
Temperature			
Mean air temperature	°C	17.3	+2.3*
Mean daily maximum temperature	°C	21.9	+2.5
Mean daily minimum temperature	°C	12.7	+2.0
Highest maximum temperature	°C	27.3	+2.4
Lowest maximum temperature	°C	18.5	+3.9
Highest minimum temperature	°C	19.0	+3.5
Lowest minimum temperature	°C	7.5	+2.5
Air frosts (screen minimum < 0 °C)	<i>days</i>	0.0	0.0
Mean minimum grass temperature	°C	10.6	+3.1*
Lowest grass minimum temperature	°C	5.3	+4.3*
Ground frosts (grass minimum < 0 °C)	<i>days</i>	0.0	-0.6
Mean concrete minimum temperature	°C	11.8	+2.3
Lowest concrete minimum temperature	°C	7.1	+3.7
Mean soil temperature at 30 cm at 0900 UTC	°C	18.2	+1.8*
Mean soil temperature at 100 cm at 0900 UTC	°C	18.7	
Precipitation			
Total precipitation	<i>mm</i>	19.3	37 %
Wettest day	<i>mm</i>	6.4	39 %
No. of rain days (0.2 mm or more rainfall)	<i>days</i>	12	-0.3
No. of wet days (1.0 mm or more rainfall)	<i>days</i>	7	-1.6
Sunshine duration			
Total bright sunshine	<i>hours</i>	155.7	108 %
Mean daily bright sunshine	<i>hours</i>	5.2	+0.4
Sunniest day	<i>hours</i>	11.8	
Mean wind speed at 0900 UTC (at 10 m)	<i>knots</i>	6.2	
No. of days with fog at 0900 UTC	<i>days</i>	0	-0.6
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

September was a warm and dry month at the RMS. The mean air temperature was 17.3 °C, 2.3 °C above the long-term average. This made it the third warmest September on record after 2006 and 2023, when mean air temperatures were 17.8 °C and 17.7 °C respectively. Total precipitation was only 19.3 mm, or 37 % of the long-term average, with around a third of this total falling in the 24-hour period up to 09:00 UTC on 8 September. Both the mean and absolute grass and concrete minimum temperatures were above the long-term average, with the

mean minimum grass temperature particularly high at 10.6 °C. Total bright sunshine was slightly above average at 155.7 hours, equivalent to 5.2 hours per day.

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 (06.10.2026)

Radcliffe Meteorological Observer