

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

			Difference from 1991-2020 average
Temperature			
Mean air temperature	°C	14.7	-0.3
Mean daily maximum temperature	°C	19.2	-0.2
Mean daily minimum temperature	°C	10.1	-0.6
Highest maximum temperature	°C	26.3	+1.4
Lowest maximum temperature	°C	14.8	+0.2
Highest minimum temperature	°C	16.6	+1.1
Lowest minimum temperature	°C	3.0	-2.0
Air frosts (screen minimum < 0 °C)	days	0	0.0
Mean minimum grass temperature	°C	7.4	-0.1
Lowest grass minimum temperature	°C	-1.0	-2.0
Ground frosts (grass minimum < 0 °C)	days	2	+1.4
Mean concrete minimum temperature	°C	8.8	-0.7
Lowest concrete minimum temperature	°C	2.4	-1.0
Mean soil temperature at 30 cm at 0900 UTC	°C	16.2	-0.2
Mean soil temperature at 100 cm at 0900 UTC	°C	17.2	
Precipitation			
Total precipitation	mm	73.0	141 %
Wettest day	mm	13.0	79 %
No. of rain days (0.2 mm or more rainfall)	days	13	+0.7
No. of wet days (1.0 mm or more rainfall)	days	11	+2.4
Sunshine duration			
Total bright sunshine	hours	178.3	124 %
Mean daily bright sunshine	hours	5.94	+1.1
Sunniest day	hours	11.2	
Mean wind speed at 0900 UTC (at 10 m)	knots	6.3	
No. of days with fog at 0900 UTC	days	0	-0.6
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

Following on from the warmest summer on record, September in Oxford was relatively unremarkable. The month was slightly cooler than average, with a mean air temperature of 14.7°C, 0.3°C below the 1991–2020 norm. Rainfall was relatively high at 141% of average, and sunshine was also notably high at 178.3 hours. Three metrics exceeded 1 standard deviation from the 1990-2020 mean: total bright sunshine (124%), the lowest grass minimum temperature and the lowest minimum temperature. The month recorded two ground frosts, where 0.6 would be expected (i.e one every other September).

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 (10.11.2025)

Radcliffe Meteorological Observer