

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

			Difference from 1991-2020 average
Temperature			
Mean air temperature	°C	18.7	+0.9
Mean daily maximum temperature	°C	24.2	+1.7
Mean daily minimum temperature	°C	13.2	+0.2
Highest maximum temperature	°C	32.6	+3.7
Lowest maximum temperature	°C	20.2	+3.1
Highest minimum temperature	°C	17.6	+0.2
Lowest minimum temperature	°C	8.0	-0.3
Air frosts (screen minimum < 0 °C)	days	0	0.0
Mean minimum grass temperature	°C	10.3	+0.3
Lowest grass minimum temperature	°C	3.8	-0.2
Ground frosts (grass minimum < 0 °C)	days	0	0.0
Mean concrete minimum temperature	°C	12.3	+0.0
Lowest concrete minimum temperature	°C	7.2	+0.2
Mean soil temperature at 30 cm at 0900 UTC	°C	20.0	+0.9
Mean soil temperature at 100 cm at 0900 UTC	°C	18.7	
Precipitation			
Total precipitation	mm	25.8	43 %
Wettest day	mm	12.2	73 %
No. of rain days (0.2 mm or more rainfall)	days	10	-2.6
No. of wet days (1.0 mm or more rainfall)	days	5	-4.1
Sunshine duration			
Total bright sunshine	hours	213.7	111 %
Mean daily bright sunshine	hours	6.9	+0.7
Sunniest day	hours	13.2	
Mean wind speed at 0900 UTC (at 10 m)	knots	6.0	
No. of days with fog at 0900 UTC	days	0	-0.3
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

August in Oxford was warmer, sunnier, and significantly drier than average, with a mean air temperature 0.9°C above the 1990-2020 average and just 43% of expected rainfall. The maximum temperature for the month, 32.6°C on the 12th August, was notably higher than normal and just 0.1°C below the year-to-date maximum. Total sunshine was 213.7 hours, 111% of average. This rounded off a record breaking summer in Oxford, which at 19.01°C set a record for the warmest summer on record. With 94mm of rain and 700 hours of bright sunshine hours, it was also the 29th driest and 15th sunniest summer in Oxford against RMS records to 1767 and 1880 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.

Charlie Knight (10.09.2025)

Radcliffe Meteorological Observer