

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

			Difference from 1991-2020 average
Temperature			
Mean air temperature	°C	18.8	+2.9*
Mean daily maximum temperature	°C	23.6	+2.9*
Mean daily minimum temperature	°C	14.0	+2.9**
Highest maximum temperature	°C	34.3	+6.0*
Lowest maximum temperature	°C	16.5	+1.6
Highest minimum temperature	°C	21.9	+5.6
Lowest minimum temperature	°C	8.8	+2.4
Air frosts (screen minimum < 0 °C)	<i>days</i>	0	0.0
Mean minimum grass temperature	°C	12.2	+3.5*
Lowest grass minimum temperature	°C	5.9	+3.6
Ground frosts (grass minimum < 0 °C)	<i>days</i>	0	-0.1
Mean concrete minimum temperature	°C	13.2	+2.2
Lowest concrete minimum temperature	°C	8.4	+2.8
Mean soil temperature at 30 cm at 0900 UTC	°C	19.9	+2.5*
Mean soil temperature at 100 cm at 0900 UTC	°C	16.7	
Precipitation			
Total precipitation	<i>mm</i>	76.0	149 %
Wettest day	<i>mm</i>	23.8	161 %
No. of rain days (0.2 mm or more rainfall)	<i>days</i>	16	+4.2
No. of wet days (1.0 mm or more rainfall)	<i>days</i>	13	+4.8
Sunshine duration			
Total bright sunshine	<i>hours</i>	227.4	115 %
Mean daily bright sunshine	<i>hours</i>	7.6	+1.0
Sunniest day	<i>hours</i>	14.6	
Mean wind speed at 0900 UTC (at 10 m)	<i>knots</i>	6.7	
No. of days with fog at 0900 UTC	<i>days</i>	0	-0.1
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

June was a record-breaking month at the RMS. It was the warmest June on record with a mean air temperature of 18.8 °C, 0.3 °C warmer than the previous June record (2025) and 2.9 °C warmer than the 1991-2020 average. The month also saw the highest minimum temperature recorded in any month at the RMS, with a new record warmest minimum of 21.9 °C on 26 June. This broke the previous record, set on 20 July 2016, by 0.7 °C. In addition, the maximum temperature reached 34.3 °C on 23 June, equalling the June record set on 27 June 1976.

The heatwave at the end of the month was also notable for several other reasons. Within this hot spell, there were two 'tropical nights', defined as when the minimum temperature does not fall below 20 °C. The first tropical night on 24 June was the earliest date in the year that a tropical night has been recorded at the RMS as the eleven previously recorded tropical nights all occurred between July and September. The heatwave also included five consecutive days with maximum temperatures of 30 °C and above which is particularly unusual for June. This is comparable only to the June/July 1976 heatwave which included fourteen consecutive days above 30 °C across June and July. Dew point temperatures were also particularly high during the heatwave period this year with a maximum at 0900 UTC of 21.4 °C on 24 June.

Despite the warm temperatures, June was also a relatively wet month with 149 % of the long-term average precipitation. Nearly one-third (31 %) of the month's total rainfall fell between 1 and 2 June.

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 (07.07.2026)

Radcliffe Meteorological Observer