

**Radcliffe Meteorological Station**  
 School of Geography - University of Oxford  
 Monthly Summary of Weather at Oxford for *August 2019*

		<b>Difference from long period mean</b>
Mean air temperature (°C)	18.3	<b>2.1</b>
Absolute maximum air temperature (°C)	32.6 (25 <sup>th</sup> )	<b>5.2</b>
Lowest maximum air temperature (°C)	18.4 (16 <sup>th</sup> )	
Mean maximum air temperature (°C)	23.9	<b>2.6</b>
Absolute minimum air temperature (°C)	9.3 (13 <sup>th</sup> )	<b>2.1</b>
Mean minimum air temperature (°C)	13.2	<b>1.2</b>
Absolute minimum grass temperature (°C)	5.7 (24 <sup>th</sup> )	<b>2.4</b>
Mean minimum grass temperature (°C)	10.7	<b>1.2</b>
Absolute minimum concrete temperature (°C)	4.5 (14 <sup>th</sup> )	<b>-2.4</b>
Mean minimum concrete temperature (°C)	12.4	0.2
Mean soil temperature at 30 cm (°C)	19.2	1
Mean soil temperature at 100 cm (°C)	18.1	
Highest daily rainfall (mm)	11.9 (16 <sup>th</sup> )	
Total rainfall (mm)	46.9	-11.6
Total bright sunshine (hours)	201.0	21.0
Mean daily bright sunshine (hours)	6.5	
Mean wind speed (knots)	9.2	1.4
No. of rain days (0.2 mm or more rainfall)	10.0	-3.3
No. of wet days (1.0 mm or more rainfall)	10.0	
No. of days with minimum temperature less than 0°C	0.0	0
No. of days with ground temperature less than 0°C	0.0	0
No. of days with fog at 0900 GMT	0.0	-0.2
No. of days with snow lying at 0900 GMT	0.0	0

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**Bold** denotes anomalies in excess of **one** standard deviation above/below the long-term mean for August.

### Notes

August saw some relatively high temperatures this year, with all metrics of air temperature exceeding the long-term average. The August bank holiday was especially warm, with 32.6°C on the 25<sup>th</sup> (the 6<sup>th</sup> warmest August value on record). The month was somewhat drier than average, though not anomalously so, with most rain falling during the first half of the month. Our concrete minimum thermometer was replaced during the annual Met Office inspection on the 6<sup>th</sup>, meaning hopefully the incidence of bubble errors will decrease.

All available reports can be found on our website ([www.geog.ox.ac.uk/research/climate/rms](http://www.geog.ox.ac.uk/research/climate/rms)). Please contact [rms@ouce.ox.ac.uk](mailto:rms@ouce.ox.ac.uk) for further information, to request data or a visit to the weather station.

Thomas Caton Harrison and James King (18/09/2019)

**Radcliffe Meteorological Observers**