

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

		<b>Difference from long period mean</b>
Mean air temperature (°C)	15.4†	0.5
Absolute maximum air temperature (°C)	33.0 (29 <sup>th</sup> )	<b><u>6.3</u></b>
Lowest maximum air temperature (°C)	11.7 (11 <sup>th</sup> )	
Mean maximum air temperature (°C)	20.5	0.6
Absolute minimum air temperature (°C)	7.6 (22 <sup>nd</sup> )	<b>2.3</b>
Mean minimum air temperature (°C)	10.7	0.4
Absolute minimum grass temperature (°C)	3.6† (6 <sup>th</sup> )	<b>2.0</b>
Mean minimum grass temperature (°C)	9.0	1.0
Absolute minimum concrete temperature (°C)	6.4 (9 <sup>th</sup> )	1.0
Mean minimum concrete temperature (°C)	11.2††	0.4
Mean soil temperature at 30 cm (°C)	16.6†	0.0
Mean soil temperature at 100 cm (°C)	14.8	
Highest daily rainfall (mm)	24.2 (10 <sup>th</sup> )	
Total rainfall (mm)	99.5	<b>46.2</b>
Total bright sunshine (hours)	166.0	-31.2
Mean daily bright sunshine (hours)	5.5	
Mean wind speed (knots)	6.3††	<b>-1.7</b>
No. of rain days (0.2 mm or more rainfall)	15.0	3.3
No. of wet days (1.0 mm or more rainfall)	11.0	
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	-0.3
No. of days with fog at 0900 GMT	0.0	-0.1
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 June.

**Bold underlines** denote anomalies in excess of **two** standard deviations above/below the long-term mean for June.

† Daggers denote days of missing values

### Notes

June 2019 was notable for one of the highest daily maximum temperatures recorded in Oxford, at 33°C – this is the 4<sup>th</sup> hottest June day on record, and the hottest June day not recorded during the record-breaking summer of 1976. While mean maximum air temperatures were not significantly higher than the average for this time of year, minimum temperatures were. It was also much wetter than the average June, with 24.2mm of rain falling on the 10<sup>th</sup>. Wind speeds were lower than average this month.

Thomas Caton Harrison and James King (11/07/19)

**Radcliffe Meteorological Observers**