

**Radcliffe Meteorological Station**  
 School of Geography - University of Oxford  
 Monthly Summary of Weather at Oxford for *June 2021*

		Difference from long period mean
Mean air temperature (°C)	16.6	<b>1.7</b>
Absolute maximum air temperature (°C)	27.5 (2 <sup>nd</sup> , 13 <sup>th</sup> )	0.7
Lowest maximum air temperature (°C)	14.0 (18 <sup>th</sup> )	
Mean maximum air temperature (°C)	21.4	1.5
Absolute minimum air temperature (°C)	5.9 (23 <sup>rd</sup> )	0.5
Mean minimum air temperature (°C)	12.3	<b>2.0</b>
Absolute minimum grass temperature (°C)	4.5 (23 <sup>rd</sup> )	<b>2.9</b>
Mean minimum grass temperature (°C)	10.4	<b>2.4*</b>
Absolute minimum concrete temperature (°C)	6.7 (23 <sup>rd</sup> )	1.3
Mean minimum concrete temperature (°C)	12.9	<b>2.0</b>
Mean soil temperature at 30 cm (°C)	18.4	<b>1.8</b>
Mean soil temperature at 100 cm (°C)	15.4	
Highest daily rainfall (mm)	20.0 (17 <sup>th</sup> )	
Total rainfall (mm)	68.9	15.3
Total bright sunshine (hours)	183.6	-13.4
Mean daily bright sunshine (hours)	6.1	
Mean wind speed (knots)	6.8	<b>-1.2</b>
No. of rain days (0.2 mm or more rainfall)	9.0	-2.7
No. of wet days (1.0 mm or more rainfall)	6.0	
No. of days with minimum temperature less than 0°C	0.0	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	0.0

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**Bold** denotes anomalies in excess of **one** standard deviation above/below the long-term mean for June, while bold with an asterisk (\*) denotes **two** standard deviations.

June 2021 was a warmer than average month at the RMS, which contrasts with colder than average temperatures experienced in April and May. Although maximum temperatures were slightly higher than average, minimum temperatures were exceptionally high. The mean minimum concrete temperature of 12.9°C was the warmest for a June on record, while the mean minimum temperature of 12.3°C and the mean minimum grass temperature of 10.4°C were both the 4<sup>th</sup> warmest for a June on record. The first half of the month was warm and settled, and was characterised by an 18-day dry spell between 29<sup>th</sup> May and 15<sup>th</sup> June. The second half of the month was slightly less warm and unsettled, with most of the month's rain (55.8 mm) falling in a five day spell period between the 17<sup>th</sup> and the 21<sup>st</sup>. This June was less sunny and significantly less windy than usual.

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**Radcliffe Meteorological Observer**