

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

		Difference from long period mean
Mean air temperature (°C)	7.5	<b>1.7</b>
Absolute maximum air temperature (°C)	22.6 (30 <sup>th</sup> )	<b>6.2*</b>
Lowest maximum air temperature (°C)	5.6 (4 <sup>th</sup> )	
Mean maximum air temperature (°C)	11.8	1.6
Absolute minimum air temperature (°C)	-1.5 (6 <sup>th</sup> )	1.8
Mean minimum air temperature (°C)	4.1	<b>1.6</b>
Absolute minimum grass temperature (°C)	-6.2 (8 <sup>th</sup> )	1.1
Mean minimum grass temperature (°C)	0.0	0.1
Absolute minimum concrete temperature (°C)	-3.4 (6 <sup>th</sup> )	0.8
Mean minimum concrete temperature (°C)	2.6	0.4
Mean soil temperature at 30 cm (°C)	7.0	1.0
Mean soil temperature at 100 cm (°C)	7.4	
Highest daily rainfall (mm)	6.3 (12 <sup>th</sup> )	
Total rainfall (mm)	29.5	-12.0
Total bright sunshine (hours)	105.0	-9.3
Mean daily bright sunshine (hours)	3.4	
Mean wind speed (knots)	11.6	<b>1.8</b>
No. of rain days (0.2 mm or more rainfall)	10.0	-4.1
No. of wet days (1.0 mm or more rainfall)	8.0	
No. of days with minimum temperature less than 0°C	1.0	<b>-6.2</b>
No. of days with ground temperature less than 0°C	16.0	0.0
No. of days with fog at 0900 GMT	0.0	-1.8
No. of days with snow lying at 0900 GMT	0.0	-0.9

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

March 2021 was warmer than average overall. The month began with colder than average temperatures, but extremely high temperatures at the end of the month brought the average significantly above what would normally be expected. On 30<sup>th</sup> March, a maximum temperature of 22.6°C was recorded, which set a new record for the warmest March day since temperature records began at the RMS in 1815. Only one air frost was recorded for March, which is an unusual occurrence. Rainfall and sunshine totals were a little lower than normal, while the month was significantly windier than usual.

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David Crowhurst (07/04/2021)  
**Radcliffe Meteorological Observer**