

**Radcliffe Meteorological Station**  
 School of Geography - University of Oxford  
 Monthly Summary of Weather at Oxford for *January 2018*

		<b>Difference from long period mean</b>
Mean air temperature (°C)	5.8	<b>+2.0</b>
Absolute maximum air temperature (°C)	14.6 (23 <sup>rd</sup> )	<b>+2.4</b>
Lowest maximum air temperature (°C)	3.7 (8 <sup>th</sup> )	---
Mean maximum air temperature (°C)	9.0	<b>+2.1</b>
Absolute minimum air temperature (°C)	-1.3 (6 <sup>th</sup> )	<b>+4.1</b>
Mean minimum air temperature (°C)	3.0	+1.5
Absolute minimum grass temperature (°C)	-5.9 (30 <sup>th</sup> )	+3.1
Mean minimum grass temperature (°C)	0.3	+1.2
Absolute minimum concrete temperature (°C)	-3.3 (8 <sup>th</sup> )	<b>+2.3</b>
Mean minimum concrete temperature (°C)	1.2	+0.5
Mean soil temperature at 30 cm (°C)	5.1	+0.9
Mean soil temperature at 100 cm (°C)	-	---
Highest daily rainfall (mm)	15.5 (22 <sup>nd</sup> )	---
Total rainfall (mm)	58.6	+5.5
Total bright sunshine (hours)	73.0	<b>+17.6</b>
Mean daily bright sunshine (hours)	2.4	---
Mean wind speed (knots)	7.5	<b>-2.5</b>
No. of rain days (0.2 mm or more rainfall)	20	+3.0
No. of wet days (1.0 mm or more rainfall)	13	---
No. of days with minimum temperature less than 0°C	4	<b>-6.3</b>
No. of days with ground temperature less than 0°C	15	-2.8
No. of days with fog at 0900 GMT	2	-1.4
No. of days with snow lying at 0900 GMT	2	-1.5

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

#### Notes

January 2018 was warmer than normal, and every temperature statistic in this report is above average. The mean air temperature was exactly one standard deviation greater than the mean. The absolute minimum and mean and absolute maximum air temperatures were all more than one standard deviation above the mean.

Rainfall in January was very near average, while hours of bright sunshine was above average. There were significantly less days of air frost than normal. Despite warmer temperatures than last January, we recorded snow on the ground at 9am on two days, compared to no days in 2017. This was, however, still slightly less than the monthly average.

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)). We also occasionally tweet (@RMS\_Oxford) and are on Instagram (rms\_oxford).

Emma Howard (01/02/18)

**Radcliffe Metrological Observer**