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

		Difference from long period mean
Mean air temperature (°C)	3.9	0.1
Absolute maximum air temperature (°C)	11.9 (25th)	-0.3
Lowest maximum air temperature (°C)	3.0 (31st)	---
Mean maximum air temperature (°C)	7.2	0.3
Absolute minimum air temperature (°C)	-5.7 (31st)	-0.3
Mean minimum air temperature (°C)	1.0	-0.5
Absolute minimum grass temperature (°C)	-9.9 (31st)	-0.9
Mean minimum grass temperature (°C)	-2.1	-1.2
Absolute minimum concrete temperature (°C)	-5.9 (31st)†	-0.3
Mean minimum concrete temperature (°C)	-0.3†	-1.0
Mean soil temperature at 30 cm (°C)	5.1	0.9
Mean soil temperature at 100 cm (°C)	7.3	---
Highest daily rainfall (mm)	6.0 (31st)	---
Total rainfall (mm)	28.6	-24.4
Total bright sunshine (hours)	50.0	-5.3
Mean daily bright sunshine (hours)	1.6	---
Mean wind speed (knots)	8.0	**-2.0**
No. of rain days (0.2 mm or more rainfall)	13.0	3.9
No. of wet days (1.0 mm or more rainfall)	7.0	---
No. of days with minimum temperature less than 0°C	16.0	5.7
No. of days with ground temperature less than 0°C	21.0	3.1
No. of days with fog at 0900 GMT	0.0	**-3.3**
No. of days with snow lying at 0900 GMT	2.0	-1.5

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

Notes

The weather in January was fairly close to average, with all air temperature measurements at or within half a degree from the long term means. The monthly rainfall was below average for this time of year, though not unusually so. Fewer fog and snow days and more frost days were recorded than is typical for January.

From the 24th of December 2018 until the 15th of January, there was a dry spell of 23 days with no wet days. We have recorded only 21 other winter dry spells of this length or longer since 1827.

All available reports can be found on our website (www.geog.ox.ac.uk/research/climate/rms). We also occasionally tweet (@RMS_Oxford).

Emma Howard (20/02/19)
Radcliffe Meteorological Observer