

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

		Difference from long period mean
Mean air temperature (°C)	7.3	+ 2.7
Absolute maximum air temperature (°C)	14.0 (2 nd)	+1.2
Lowest maximum air temperature (°C)	3.1 (14 th)	-
Mean maximum air temperature (°C)	10.2	+ 2.7
Absolute minimum air temperature (°C)	-2.9 (14 th)	+1.9
Mean minimum air temperature (°C)	4.7	+ 2.5
Absolute minimum grass temperature (°C)	-7.8 (14 th)	+0.4
Mean minimum grass temperature (°C)	1.8	+ 2.2
Absolute minimum concrete temperature (°C)	-4.6 (14 th)	+0.9
Mean minimum concrete temperature (°C)	2.7	+ 1.7
Mean soil temperature at 30 cm (°C)	6.9	+ 1.6
Mean soil temperature at 100 cm (°C)	8.7	-
Highest daily rainfall (mm)	12.2 (15 th)	-
Total rainfall (mm)	67.7	+11.4
Total bright sunshine (hours)	53.7	+4.3
Mean daily bright sunshine (hours)	1.7	-
Mean wind speed (knots)	6.6	-
No. of rain days (0.2 mm or more rainfall)	15.0	-2.0
No. of wet days (1.0 mm or more rainfall)	13.0	-
No. of days with minimum temperature less than 0°C	3.0	- 5.7
No. of days with ground temperature less than 0°C	9.0	- 7.8
No. of days with fog at 0900 GMT	0.0	- 3.9
No. of days with snow lying at 0900 GMT	5.0	-1.8

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

Notes

Temperatures in December 2018 were all above average for this time of year. The mean air temperature of 7.3°C was more than one standard deviation higher than the mean for December (4.6°C). The mean maximum, minimum, grass minimum and concrete minimum temperatures were all more than one standard deviation about average, though notably absolute maximum and minimum values were not. There was a close-to-average amount of bright sunshine and rain in December 2018.

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

Amy Creese (17/01/19)

Radcliffe Meteorological Observer