

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

		Difference from long period mean
Mean air temperature (°C)	8.5	2.7
Absolute maximum air temperature (°C)	17.9 (30 th)	1.5
Lowest maximum air temperature (°C)	9.7 (8 th)	
Mean maximum air temperature (°C)	12.6	2.4
Absolute minimum air temperature (°C)	0.6 (26 th)	3.9
Mean minimum air temperature (°C)	5.1	2.6
Absolute minimum grass temperature (°C)	-4.2 (26 th)	3.1
Mean minimum grass temperature (°C)	1.9	2
Absolute minimum concrete temperature (°C)	-0.5 (26 th)	3.7*†
Mean minimum concrete temperature (°C)	4.3	2.0†
Mean soil temperature at 30 cm (°C)	8.2	2.2
Mean soil temperature at 100 cm (°C)	8.1	
Highest daily rainfall (mm)	7.1 (12 th)	
Total rainfall (mm)	35.5	-6.0
Total bright sunshine (hours)	128.3	14.3
Mean daily bright sunshine (hours)	4.1	
Mean wind speed (knots)	12.7	2.9
No. of rain days (0.2 mm or more rainfall)	16.0	1.9
No. of wet days (1.0 mm or more rainfall)	8.0	
No. of days with minimum temperature less than 0°C	0.0	-7.2
No. of days with ground temperature less than 0°C	11.0	-5.1
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

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

* denotes anomalies in excess of **two** standard deviations above/below the long-term mean for March.

† Three days missing value

Notes

March was an unusually warm month at the RMS this year, with all but one temperature metric in excess of one standard deviation above the long term mean. There were no air frost days recorded, and the absolute minimum air temperature recorded was 0.6°C on the 26th of March. This was the 4th warmest March absolute minimum temperature in our record.

The monthly total rainfall was below average, but not significantly so. Sun hours were higher than the long term mean. No fog was recorded at 9am.

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 (15/04/19)

Radcliffe Meteorological Observer