

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

		Difference from long period mean
Mean air temperature (°C)	15.3	1.6
Absolute maximum air temperature (°C)	26.2 (21 st)	1.8
Lowest maximum air temperature (°C)	15.1 (9 th)	
Mean maximum air temperature (°C)	20.6	1.9
Absolute minimum air temperature (°C)	3.9 (8 th)	0.1
Mean minimum air temperature (°C)	10.4	0.5
Absolute minimum grass temperature (°C)	-1.2 (8 th)	-1.2
Mean minimum grass temperature (°C)	7.4	0.2
Absolute minimum concrete temperature (°C)		
Mean minimum concrete temperature (°C)		
Mean soil temperature at 30 cm (°C)	16.6	0.8
Mean soil temperature at 100 cm (°C)	16.9	
Highest daily rainfall (mm)	20.9 (28 th)	
Total rainfall (mm)	77.9	18.6
Total bright sunshine (hours)	161.2	22.3
Mean daily bright sunshine (hours)	5.4	
Mean wind speed (knots)	5.7	
No. of rain days (0.2 mm or more rainfall)	11.0	-1.5
No. of wet days (1.0 mm or more rainfall)	8.0	
No. of days with minimum temperature less than 0°C	0.0	0.0
No. of days with ground temperature less than 0°C	1.0	-0.2
No. of days with fog at 0900 GMT	0.0	-0.7
No. of days with snow lying at 0900 GMT	0.0	0.0

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

Notes

Most recorded variables were close to their long-term means this September. The two exceptions to this were the mean air temperature and the mean maximum air temperature, both of which were higher than average. Warmer temperatures were approximately evenly distributed throughout the month, in contrast with the sharp heat waves of the summer months. Our concrete minimum thermometer broke towards the end of the month, with a replacement on the way.

There was slightly more sunshine and rainfall than average, with 96% of the rain falling after the 20th, breaking a dry spell with only 6.2 mm of rain since the 16th of August.

All available reports can be found on our website (www.geog.ox.ac.uk/research/climate/rms). Please contact rms@ouce.ox.ac.uk for further information, to request data or a visit to the weather station.

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Radcliffe Meteorological Observers