

**Radcliffe Meteorological Station**  
 School of Geography - University of Oxford  
 Monthly Summary of Weather at Oxford for *February 2020*

		<b>Difference from long period mean</b>
Mean air temperature (°C)	6.8	1.0
Absolute maximum air temperature (°C)	13.9	1.1
Lowest maximum air temperature (°C)	7.5	
Mean maximum air temperature (°C)	10.5	<b>3.0</b>
Absolute minimum air temperature (°C)	-2.5	1.9
Mean minimum air temperature (°C)	3.6	<b>2.1</b>
Absolute minimum grass temperature (°C)	-4.9	<b>3.5</b>
Mean minimum grass temperature (°C)	1.8	<b>2.8</b>
Absolute minimum concrete temperature (°C)	-3.6	1.5
Mean minimum concrete temperature (°C)	1.8	0.8
Mean soil temperature at 30 cm (°C)	6.2	<b>2.0</b>
Mean soil temperature at 100 cm (°C)	7.2	
Highest daily rainfall (mm)	15.5	
Total rainfall (mm)	95.3	<b>53.9*</b>
Total bright sunshine (hours)	80.9	9.3
Mean daily bright sunshine (hours)	2.9	
Mean wind speed (knots)	15.4	<b>5.6*</b>
No. of rain days (0.2 mm or more rainfall)	20.0	<b>6.3</b>
No. of wet days (1.0 mm or more rainfall)	16.0	
No. of days with minimum temperature less than 0°C	3.0	<b>-6.6</b>
No. of days with ground temperature less than 0°C	8.0	<b>-8.6</b>
No. of days with fog at 0900 GMT	0.0	<b>-2.9</b>
No. of days with snow lying at 0900 GMT	1.0	-2.0

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

### Notes

February was a month of wet and windy weather, with successive Atlantic storms bringing consistent rainfall, especially in the second half of the month. This made it the 8<sup>th</sup> wettest February on record, with the highest total since 1977. Wind speeds were exceptional; in the available records since 1881 only October 1967 and February 1990 are windier.

The mean air temperature was the same as January's, but several temperature metrics nonetheless were higher than the long-term mean. Mild wet weather also meant a generally low number of air and ground frosts for the time of year.

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Thomas Caton Harrison and James King (19/03/2020)

**Radcliffe Meteorological Observers**