

**Radcliffe Meteorological Station**  
School of Geography - University of Oxford  
Monthly Summary of Weather at Oxford for *April 2025*.

			Difference from 1991-2020 average
<b>Temperature</b>			
Mean air temperature	°C	11.2	<b>+1.4</b>
Mean daily maximum temperature	°C	17.2	<b>+2.8</b>
Mean daily minimum temperature	°C	5.2	<b>-0.1</b>
Highest maximum temperature	°C	25.1	<b>+4.1</b>
Lowest maximum temperature	°C	13.8	<b>+5.2</b>
Highest minimum temperature	°C	9.4	<b>-1.3</b>
Lowest minimum temperature	°C	1.3	<b>+1.7</b>
Air frosts (screen minimum < 0 °C)	days	0	<b>-1.5</b>
Mean minimum grass temperature	°C	2.3	<b>+0.3</b>
Lowest grass minimum temperature	°C	-3.5	<b>+1.2</b>
Ground frosts (grass minimum < 0 °C)	days	10	<b>+1.3</b>
Mean concrete minimum temperature	°C	4.2	<b>-0.1</b>
Lowest concrete minimum temperature	°C	0.4	<b>+2.3</b>
Mean soil temperature at 30 cm at 0900 UTC	°C	11.7	<b>+1.4</b>
Mean soil temperature at 100 cm at 0900 UTC	°C	10.5	
<b>Precipitation</b>			
Total precipitation	mm	18.9	39 %
Wettest day	mm	16.3	128 %
No. of rain days (0.2 mm or more rainfall)	days	6	<b>-6.4</b>
No. of wet days (1.0 mm or more rainfall)	days	2	<b>-6.9</b>
<b>Sunshine duration</b>			
Total bright sunshine	hours	238.7	<b>144 %*</b>
Mean daily bright sunshine	hours	8.0	<b>+2.4</b>
Sunniest day	hours	13.2	
Mean wind speed at 0900 UTC (at 10 m)	knots	5.6	
No. of days with fog at 0900 UTC	days	0	<b>-0.6</b>
No. of days with snow lying at 0900 UTC	days	0	0.0

**Bold** denotes anomalies in excess of **one** standard deviation above/below the long-term mean, while **bold** with an asterisk (\*) denotes two standard deviations above/below, and bold with two asterisks (\*\*) denotes three standard deviations above/below. Standard deviations are not reported for counts (N. of days), lowest maximum/highest minimum temperature, wettest day and mean daily bright sunshine.

#### Notes

Continuing the theme from March, April was sunny and dry. In fact, April 2025 was the sunniest April since 1914 and 4<sup>th</sup> sunniest on record in Oxford, with the Radcliffe Observatory seeing 238.7 hours of sunshine through the month. Rainfall was 18.9mm, 86% of which fell on rain days 21/22 April. A mean air temperature of 11.2°C also made the month the 6<sup>th</sup> warmest April in the RMS records. The maximum temperature recorded during the month, 25.1°C on the 30<sup>th</sup> April, was 4.1°C above that expected.

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Charlie Knight (12.05.2025)

**Radcliffe Meteorological Observer**