

**Radcliffe Meteorological Station**  
School of Geography - University of Oxford  
Monthly Summary of Weather at Oxford for *October 2024*.

			Difference from 1991-2020 average
<b>Temperature</b>			
Mean air temperature	°C	12.0	<b>+0.5</b>
Mean daily maximum temperature	°C	15.4	<b>+0.3</b>
Mean daily minimum temperature	°C	8.5	<b>+0.5</b>
Highest maximum temperature	°C	18.6	<b>-1.5</b>
Lowest maximum temperature	°C	10.5	0.0
Highest minimum temperature	°C	13.2	<b>-0.4</b>
Lowest minimum temperature	°C	0.6	<b>-0.8</b>
Air frosts (screen minimum < 0 °C)	days	0	<b>-0.7</b>
Mean minimum grass temperature	°C	5.8	<b>+1.0</b>
Lowest grass minimum temperature	°C	-1.5	<b>+1.4</b>
Ground frosts (grass minimum < 0 °C)	days	4	<b>-0.5</b>
Mean concrete minimum temperature	°C	7.3	<b>+1.1</b>
Lowest concrete minimum temperature	°C	0.1	<b>+0.8</b>
Mean soil temperature at 30 cm at 0900 UTC	°C	12.7	<b>+0.3</b>
Mean soil temperature at 100 cm at 0900 UTC	°C	14.1	
<b>Precipitation</b>			
Total precipitation	mm	72.7	99 %
Wettest day	mm	14.7	75 %
No. of rain days (0.2 mm or more rainfall)	days	20	<b>+4.3</b>
No. of wet days (1.0 mm or more rainfall)	days	13	<b>+2.1</b>
<b>Sunshine duration</b>			
Total bright sunshine	hours	100.1	91 %
Mean daily bright sunshine	hours	3.2	<b>-0.3</b>
Sunniest day	hours	8.3	
Mean wind speed at 0900 UTC (at 10 m)	knots	4.8	
No. of days with fog at 0900 UTC	days	1	<b>-0.4</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

Following a record-breaking September, October was a rather ordinary month in Oxford. No variable for which re record long term statistics a Oxford were outside of 1 standard deviation from the 1990-2020 mean. Mean air temperature across the month was 12°C while rainfall was 72.7mm and total bright sunshine hours 100.1, representing 3.2 hours of sunshine a day.

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Charlie Knight (12.11.2024)

**Radcliffe Meteorological Observer**