

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

			Difference from 1991-2020 average
Temperature			
Mean air temperature	°C	5.2	-0.3
Mean daily maximum temperature	°C	7.9	-0.7
Mean daily minimum temperature	°C	2.5	+0.2
Highest maximum temperature	°C	14.8	+1.3
Lowest maximum temperature	°C	3.8	+0.9
Highest minimum temperature	°C	11.0	+2.5
Lowest minimum temperature	°C	-2.8	+0.5
Air frosts (screen minimum < 0 °C)	days	5	-2.6
Mean minimum grass temperature	°C	0.6	+1.1
Lowest grass minimum temperature	°C	-6.0	+1.7
Ground frosts (grass minimum < 0 °C)	days	11	-4.4
Mean concrete minimum temperature	°C	1.2	+0.5
Lowest concrete minimum temperature	°C	-4.2	+1.0
Mean soil temperature at 30 cm at 0900 UTC	°C	5.1	+0.1
Mean soil temperature at 100 cm at 0900 UTC	°C	6.5	
Precipitation			
Total precipitation	mm	48.2	102 %
Wettest day	mm	12.0	101 %
No. of rain days (0.2 mm or more rainfall)	days	13	-0.8
No. of wet days (1.0 mm or more rainfall)	days	9	-0.5
Sunshine duration			
Total bright sunshine	hours	68.1	83 %
Mean daily bright sunshine	hours	2.43	-0.5
Sunniest day	hours	9.1	
Mean wind speed at 0900 UTC (at 10 m)	knots	6.2	
No. of days with fog at 0900 UTC	days	1	-1.40
No. of days with snow lying at 0900 UTC	days	0	-1.70

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

Oxford weather in February was fairly typical for the time of year - not one of the statistics we record at RMS was greater than one standard deviation from the standard period mean. Total precipitation was 102% of that expected at 48.2mm for the month while total sunshine hours were 68.1 (83% of expected), continuing the gloomy theme of January. Mean air temperature was slightly lower than average at 5.2°C. Measurable precipitation was recorded on 13 days.

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 or to request data from the weather station.

Charlie Knight (10.02.2025)

Radcliffe Meteorological Observer