

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

			Difference from 1991-2020 average
Temperature			
Mean air temperature	°C	7.9	-0.0
Mean daily maximum temperature	°C	10.6	-0.3
Mean daily minimum temperature	°C	5.2	+0.4
Highest maximum temperature	°C	17.4	+1.6
Lowest maximum temperature	°C	2.1	-3.4
Highest minimum temperature	°C	11.3	-0.2
Lowest minimum temperature	°C	-1.6	-0.1
Air frosts (screen minimum < 0 °C)	days	5	+1.8
Mean minimum grass temperature	°C	3.0	+1.3
Lowest grass minimum temperature	°C	-5.0	+0.9
Ground frosts (grass minimum < 0 °C)	days	9	-2.1
Mean concrete minimum temperature	°C	4.2	+1.0
Lowest concrete minimum temperature	°C	-2.6	+1.1
Mean soil temperature at 30 cm at 0900 UTC	°C	9.9	+1.1
Mean soil temperature at 100 cm at 0900 UTC	°C	12.0	
Precipitation			
Total precipitation	mm	74.7	104 %
Wettest day	mm	27.4	161 %
No. of rain days (0.2 mm or more rainfall)	days	12	-4.8
No. of wet days (1.0 mm or more rainfall)	days	7	-5.3
Sunshine duration			
Total bright sunshine	hours	61.0	86 %
Mean daily bright sunshine	hours	2.0	-0.3
Sunniest day	hours	7.1	
Mean wind speed at 0900 UTC (at 10 m)	knots	3.5	
No. of days with fog at 0900 UTC	days	1	-1.4
No. of days with snow lying at 0900 UTC	days	1	+0.9

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

Similar to the preceding month, November 2024 was mostly rather ordinary. The only variables outside of 1 standard deviation from the 1990-2020 mean were the highest maximum temperature (17.4°C on the 24th November) and mean 30cm soil temperatures (9.9°C). Mean air temperature was 7.9°C, the same as the standard period average, while 74.7mm of rainfall was recorded. Sunshine hours were below normal, at 86% of expected. Snow on the ground was reported on 19th November (2.8cm). This was the earliest winter half year date with snow on the ground at the morning observation, beating 20th November 1988 (1cm) by a day.

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 (10.12.2024)

Radcliffe Meteorological Observer