

Radcliffe Meteorological Station
 School of Geography - University of Oxford
 Monthly Summary of Weather at Oxford for *August 2021*

		Difference from long period mean
Mean air temperature (°C)	16.6	0.4
Absolute maximum air temperature (°C)	23.7 (14 th)	-3.7
Lowest maximum air temperature (°C)	16.5 (30 th)	
Mean maximum air temperature (°C)	21.0	-0.4
Absolute minimum air temperature (°C)	9.1 (29 th)	1.9
Mean minimum air temperature (°C)	13.1	1.0
Absolute minimum grass temperature (°C)	3.4 (28 th)	0.1
Mean minimum grass temperature (°C)	11.9	2.4*
Absolute minimum concrete temperature (°C)	9.0 (29 th)	2.0
Mean minimum concrete temperature (°C)	13.2	1.0
Mean soil temperature at 30 cm (°C)	19.3	1.1
Mean soil temperature at 100 cm (°C)	18.4	
Highest daily rainfall (mm)	14.2 (21 st)	
Total rainfall (mm)	34.7	-23.9
Total bright sunshine (hours)	138.9	-41.3
Mean daily bright sunshine (hours)	4.5	
Mean wind speed (knots)	9.8	2.0
No. of rain days (0.2 mm or more rainfall)	13.0	-0.3
No. of wet days (1.0 mm or more rainfall)	4.0	
No. of days with minimum temperature less than 0°C	0.0	0.0
No. of days with ground temperature less than 0°C	0.0	0.0
No. of days with fog at 0900 GMT	0.0	-0.2
No. of days with snow lying at 0900 GMT	0.0	0.0

Bold denotes anomalies in excess of **one** standard deviation above/below the long-term mean for August, while **bold** with an asterisk (*) denotes two standard deviations above/below.

Notes

August 2021 was reasonably close to the seasonal average with regards to temperature, although the absolute maximum value recorded (on the 14th) was considerably lower than the long-term mean. Rainfall for the month was below average, culminating in a prolonged dry spell (26/08 – 07/09) that extended into September. The month was duller than average, with sunshine hours one standard deviation below the long-term mean, however it was unseasonably windy, with speeds in excess of ten knots recorded on five individual 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.

Matt Clements (30/09/2021)

Radcliffe Meteorological Observer