

Radcliffe Meteorological Station
 School of Geography - University of Oxford
 Monthly Summary of Weather at Oxford for *April 2020*

		Difference from long period mean
Mean air temperature (°C)	11.1	2.7*
Absolute maximum air temperature (°C)	24.4 (11 th)	4.5
Lowest maximum air temperature (°C)	9.6 (1 st)	
Mean maximum air temperature (°C)	17.5	4.3*
Absolute minimum air temperature (°C)	-1.5 (1 st)	-0.4
Mean minimum air temperature (°C)	5.4	1.0
Absolute minimum grass temperature (°C)	-5.5† (1 st)	-0.2
Mean minimum grass temperature (°C)	1.8†	0.2
Absolute minimum concrete temperature (°C)	-2.5 (1 st)	-0.5
Mean minimum concrete temperature (°C)	4.8	0.6
Mean soil temperature at 30 cm (°C)	11.5	2.2*
Mean soil temperature at 100 cm (°C)	10.1	
Highest daily rainfall (mm)	15.4 (30 th)	
Total rainfall (mm)	42.9	-0.6
Total bright sunshine (hours)	232.9	79.1*
Mean daily bright sunshine (hours)	7.8	
Mean wind speed (knots)	7.4	-1.9
No. of rain days (0.2 mm or more rainfall)	6.0	-7.5
No. of wet days (1.0 mm or more rainfall)	5.0	
No. of days with minimum temperature less than 0°C	1.0	-1.7
No. of days with ground temperature less than 0°C	8.0	-2.4
No. of days with fog at 0900 GMT	0.0	-0.4
No. of days with snow lying at 0900 GMT	0.0	-0.1

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

Notes

April was exceptionally warm and sunny at the RMS, although due to a fault in the Vaisala probe used to measure maximum temperature, readings from a mercury thermometer were used for these statistics. This month was the 4th warmest April on record, with the 4th highest mean maximum temperature. Continuously bright and settled weather brought the sunshine totals up to the 6th highest on record, unlike the UK as a whole for which it was the sunniest on record. This is in part because the RMS record goes back an extra 48 years compared to the Met Office's analysis for the UK. Although rainfall was average for April, two days accounted for two-thirds of the total for the month.

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.

Thomas Caton Harrison (22/05/2020)
Radcliffe Meteorological Observer