

Radcliffe Meteorological Station
 School of Geography - University of Oxford
 Monthly Summary of Weather at Oxford for *April 2018*

		Difference from long period mean
Mean air temperature (°C)	10.4	+2.2
Absolute maximum air temperature (°C)	26.9 (19 th)	+7.0*
Lowest maximum air temperature (°C)	7.9 (29 th)	---
Mean maximum air temperature (°C)	14.2	+1.0
Absolute minimum air temperature (°C)	1.3 (2 nd)	+2.4
Mean minimum air temperature (°C)	7.5	+3.1*
Absolute minimum grass temperature (°C)	-0.1 (2 nd)	+5.2*
Mean minimum grass temperature (°C)	5.3	+3.7*
Absolute minimum concrete temperature (°C)	-0.1 (2 nd)	+1.9
Mean minimum concrete temperature (°C)	6.7	+2.5*
Mean soil temperature at 30 cm (°C)	10.7	+1.4
Mean soil temperature at 100 cm (°C)	-	---
Highest daily rainfall (mm)	14.3	---
Total rainfall (mm)	52.8	+9.2
Total bright sunshine (hours)	120.5	-33.3
Mean daily bright sunshine (hours)	4.0	---
Mean wind speed (knots)	6.7	---
No. of rain days (0.2 mm or more rainfall)	16.0	+2.4
No. of wet days (1.0 mm or more rainfall)	9.0	---
No. of days with minimum temperature less than 0°C	0.0	-2.7
No. of days with ground temperature less than 0°C	2.0	-8.4
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.

****** denotes anomalies in excess of **three** standard deviations above/below the long-term mean for April.

† One day missing value

Notes

April was a very warm month at RMS. The mean air temperature was 2.2°C above average, ranking as the 8th warmest April on our long term record. This was a combination of both higher-than-average maximum and minimum temperatures this month. The absolute maximum temperature of 26.7°C on the 19th is the third highest on record, after 27.6°C in 2011 and 27.1°C in 1893! The mean minimum temperature of 7.5°C is the highest value on record at RMS for April, beating 7.1°C in 2011. There were also a significantly below average number of days with air and ground temperatures below freezing.

Sunshine hours were slightly below average for this time of year, but not significantly so. We also experienced an average amount of rainfall and rain days for April.

Amy Creese (19/05/18)

Radcliffe Meteorological Observer