

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

		Difference from long period mean
Mean air temperature (°C)	13.9	2.3
Absolute maximum air temperature (°C)	27.2 [†] (7 th)	3.0
Lowest maximum air temperature (°C)	13.4 (2 nd)	---
Mean maximum air temperature (°C)	19.8 [†]	3.0*
Absolute minimum air temperature (°C)	1.9 (1 st)	0.4
Mean minimum air temperature (°C)	8.7	1.4
Absolute minimum grass temperature (°C)	-2.1 (1 st)	0.5
Mean minimum grass temperature (°C)	5.9	1.2
Absolute minimum concrete temperature (°C)	0.7 (1 st)	1.0
Mean minimum concrete temperature (°C)	8.8	1.2
Mean soil temperature at 30 cm (°C)	15.4	2.3
Mean soil temperature at 100 cm (°C)	---	---
Highest daily rainfall (mm)	36.4 (31 st)	---
Total rainfall (mm)	86.2	34.5
Total bright sunshine (hours)	244.8	52.9
Mean daily bright sunshine (hours)	7.9	---
Mean wind speed (knots)	---	---
No. of rain days (0.2 mm or more rainfall)	12.0	1.6
No. of wet days (1.0 mm or more rainfall)	8.0	---
No. of days with minimum temperature less than 0°C	0.0	-0.3
No. of days with ground temperature less than 0°C	2.0	-1.5
No. of days with fog at 0900 GMT	0.0	-0.1
No. of days with snow lying at 0900 GMT	0.0	0

bold denotes anomalies in excess of **one** standard deviation above/below the long-term mean for April.

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

[†] One day missing value

Notes

May 2018 was warmer than the RMS average on all counts, with the mean maximum air temperature, at 19.8°C, the second highest on record after May 1922. The mean air temperature was the joint 5th warmest on our record. The 30 metre mean soil temperature was the highest on record.

The total monthly rainfall was looking to match the May average almost exactly, before a thunderstorm on the last day of the month pushed it one standard deviation above the mean. The 31st was the wettest day in Oxford since 2012, and was the 62nd wettest day on record.

All available reports can be found on our website (www.geog.ox.ac.uk/research/climate/rms). We also occasionally tweet (@RMS_Oxford).

Emma Howard (11/06/18)

Radcliffe Meteorological Observer