

# MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR 2015

2015 was a year with few hot summer days; heatwaves tended to last for a day or two but the highest temperature was the highest for 9 years. April (222 h) was almost the sunniest month of the year (June was sunnier with 224 h). As a result there were relatively few sunny days during the year - while in November just 25 h of sunshine were recorded. December (with no air frosts) was warmer than November and both were only slightly colder than October. 2015 was slightly drier than average, with March, April and June being quite dry. 2015 had the wettest day for four years, and the first snow for two years - but very few thunderstorms.

	2015	Climatological normal	Notes
<b>Air temperature (degC)</b>			
Mean maximum	15.9	15.1	The lowest since 2013
Mean minimum	7.3	7.0	The lowest since 2013
Mean	11.6	11.0	The coolest year since 2013
Highest maximum	34.9	30.9	The hottest day since July 2006
Lowest maximum	2.6	0.3	
Highest minimum	17.7	18.5	
Lowest minimum	-6.0	-7.0	The coldest night since February 2012
No. of days with minimum below -5C	2	3.0	
No. of days with maximum 25C or more	20	25.0	The lowest count since 2008
No. of days with maximum below 0C	0	1.2	
No. of days with minimum 15C or more	14	21.0	
<b>Grass temperature (degC)</b>			
Lowest minimum	-8.1	-10.5	
Mean grass minimum	4.6	4.5	
<b>Soil temperature (degC)</b>			
5cm mean	10.2	9.7	
10cm mean	10.3	9.9	
20cm mean	11.1	10.9	
30cm mean	11.6	11.3	
50cm mean	11.3	11.1	
100cm mean	11.4	11.2	
5cm maximum	20.2		
5cm minimum	-0.2		
10cm maximum	20.2		
10cm minimum	0.9		
20cm maximum	20.3		
20cm minimum	2.0		
30cm maximum	19.3		
30cm minimum	3.2		
50cm maximum	18.0		
50cm minimum	3.7		
100cm maximum	16.4		
100cm minimum	5.5		
<b>Sunshine (hr)</b>			
Mean daily sunshine amount	4.33	4.18	
Total sunshine	1579.6	1529.8	The dullest year for two years
Maximum daily sunshine	15.7	14.7	
Number of sunless days	66	67.7	
No. of days with over 12h	13	16.4	The fewest 'sunny days' since 13 in 2008
<b>Precipitation (mm)</b>			
Total fall	611.3	660.7	The driest year since 2011
Highest daily total	39.6	33.7	The wettest day since August 2011
No. of days with 0.2mm or more	163	157	
No. of days with 1.0mm or more	117	115	
No. of days with 5.0mm or more	40	43.9	
<b>Number of days with</b>			
Snow or sleet falling	6	12.2	January had the first snow since April 2013
50% snow cover on ground at 0900GMT	1	5.0	
Hail or ice pellets falling	3	4.8	
Thunder heard	4	13.0	The least thundery year since 4 days in 2011
Fog at 0900GMT	3	9.4	
Air frost	32	40.0	
Ground frost	81	88.6	
Gale	0	1.2	
<b>Air pressure</b>			
Mean at 0900GMT	1017.3	1016.0	
<b>Miscellaneous</b>			
Mean relative humidity at 0900GMT	81	82.0	
Number of hours with rain	505.8	543.9	
Number of hours with air frost	149.5	301.1	
Most hours of rain in a day	14.5		
Mean cloud cover at 0700GMT (eighths)	5.7	5.6	
Mean wind speed at 0700GMT (knots)	4.3	5.1	
Total pithe evaporation (ml)	600.5	564.8	
Greatest daily evaporation (ml)	5.7		

Climatological normals refer to 1981-2010