

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR 2007

	2007	Climatological normal	Notes
Air temperature (degC)			
Mean maximum	16.0	14.7	Third highest on record
Mean minimum	7.5	6.7	
Mean	11.8	10.7	Only 2006 has been warmer
Highest maximum	29.8	30.0	Equal lowest (with 1998) since 1993
Lowest maximum	3.1	0.0	
Highest minimum	16.9	18.0	Equal lowest (with 1981) since 1977
Lowest minimum	-6.5	-7.1	Lowest since 2002
No. of days with minimum below -5C	1		
No. of days with maximum 25C or more	13		
No. of days with maximum below 0C	0		
No. of days with minimum 15C or more	12		
Grass temperature (degC)			
Lowest minimum	-9.0	-10.9	
Mean grass minimum	5.1		
Soil temperature (degC)			
5cm mean	10.5	9.3	
10cm mean	10.7	9.7	
20cm mean	11.1	10.6	
30cm mean	12.0	11.0	
50cm mean	11.9	10.8	
100cm mean	12.0	10.9	Highest on record
5cm maximum	18.5		
5cm minimum	1.1		
10cm maximum	18.5		
10cm minimum	1.6		
20cm maximum	20.0		
20cm minimum	2.5		
30cm maximum	18.8		
30cm minimum	4.2		
50cm maximum	17.8		
50cm minimum	5.1		
100cm maximum	16.7		
100cm minimum	6.9		
Sunshine (hr)			
Mean daily sunshine amount	4.90	3.96	
Total sunshine	1795.2	1446.8	Highest since 2003
Maximum daily sunshine	14.9	14.7	
Number of sunless days	52	75.1	
No. of days with over 12h	25		
Precipitation (mm)			
Total fall	784.6	653.1	
Highest daily total	70.2	34.2	Wettest day since before 1980
No. of days with 0.2mm or more	164	155	
No. of days with 1.0mm or more	124	143	
No. of days with 5.0mm or more	46	43.2	
Number of days with			
Snow or sleet falling	7	11.2	
50% snow cover on ground at 0900GMT	3	4.7	Lowest since 2002
Hail or ice pellets falling	5	4.5	
Thunder heard	10	12.0	Highest number since 2001
Fog at 0900GMT	3	14.0	Highest number since 2002
Air frost	29	41.1	
Ground frost	60	92.4	Lowest number since 2002
Gale	0	1.9	
Air pressure			
Mean at 0900GMT	1017.9	1016.0	
Miscellaneous			
Mean relative humidity at 0900GMT	82		
Number of hours with rain	577.1	545.9	
Number of hours with air frost	148.4	319.8	
Most hours of rain in a day	21.7		
Mean cloud cover at 0700GMT (eighths)	5.6		
Mean wind speed at 0700GMT (knots)	4.6		
Total piche evaporation (ml)	542.2	576.5	
Greatest daily evaporation (ml)	5.5		