

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR 2008

	2008	Climatological normal	Notes
Air temperature (degC)			
Mean maximum	15.3	14.7	
Mean minimum	7.1	6.7	
Mean	11.2	10.7	The coldest year since 2001
Highest maximum	29.6	30.0	The coldest 'hottest day' since 1993
Lowest maximum	1.2	0.0	
Highest minimum	18.5	18.0	
Lowest minimum	-5.2	-7.1	
No. of days with minimum below -5C	1	1.6*	
No. of days with maximum 25C or more	19	28.4*	
No. of days with maximum below 0C	0	0.6*	
No. of days with minimum 15C or more	25	22.5*	
Grass temperature (degC)			
Lowest minimum	-7.4	-9.0*	
Mean grass minimum	4.5	4.7*	
Soil temperature (degC)			
5cm mean	10.0	9.3	
10cm mean	10.1	9.7	
20cm mean	11.0	10.6	
30cm mean	11.4	11.0	The coldest year at this depth since 2001
50cm mean	11.4	10.8	
100cm mean	11.4	10.9	The coldest year at this depth since 2001
5cm maximum	19.7	20.5*	
5cm minimum	1.1	0.1*	
10cm maximum	19.8	20.8*	
10cm minimum	1.5	0.3*	
20cm maximum	20.6	21.5*	
20cm minimum	2.8	1.8*	
30cm maximum	20.0	20.6*	
30cm minimum	4.3	3.1*	
50cm maximum	18.8	19.5*	
50cm minimum	5.2	3.7*	
100cm maximum	17.0	17.7*	
100cm minimum	6.4	5.6*	
Sunshine (hr)			
Mean daily sunshine amount	4.26	3.96	The dulllest year since 2004
Total sunshine	1556.7	1446.8	
Maximum daily sunshine	13.8	14.7	Not since 2001 has the sunniest day of the yuear been this dull
Number of sunless days	68	75.1	The most sunless days since 2004
No. of days with over 12h	13	17.8*	
Precipitation (mm)			
Total fall	708.3	653.1	The third successive wet year
Highest daily total	25.9	34.2	
No. of days with 0.2mm or more	168	155	
No. of days with 1.0mm or more	125	143	
No. of days with 5.0mm or more	49	43.2	
Number of days with			
Snow or sleet falling	12	11.2	
50% snow cover on round at 0900GMT	1	4.7	
Hail or ice pellets falling	3	4.5	
Thunder heard	14	12.0	
Fog at 0900GMT	6	14.0	
Air frost	38	41.1	
Ground frost	94	92.4	The highest total since 2005
Gale	0	1.9	
Air pressure			
Mean at 0900GMT	1014.8	1016.0	
Miscellaneous			
Mean relative humidity at 0900GMT	81	82*	
Number of hours with rain	628.5	545.9	
Number of hours with air frost	164.6	319.8	
Most hours of rain in a day	17.8	16.3*	
Mean cloud cover at 0700GMT (eighths)	5.6	5.6*	
Mean wind speed at 0700GMT (knots)	4.9	4.9*	
Total piche evaporation (ml)	526.9	576.5	The lowest evaporation since 2001
Greatest daily evaporation (ml)	5.0	5.5*	

Climatological normals refer to 1971-2000 except for those marked * which are for 1989-2008.