

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR 2010

	2010	Climatological normal Notes
Air temperature (degC)		
Mean maximum	14.2	14.7 Equally as cold as 1996
Mean minimum	6.3	6.7 Equally as cold as 1996
Mean	10.2	10.7 Equally as cold as 1996
Highest maximum	30.3	30.0
Lowest maximum	-0.5	0.0
Highest minimum	19.2	18.0
Lowest minimum	-9.9	-7.1 The same low minimum was also recorded in January 1987
No. of days with minimum below -5C	6	1.6*
No. of days with maximum 25C or more	27	28.4*
No. of days with maximum below 0C	3	0.6* The most freezing days since 1997 (which had 3 days)
No. of days with minimum 15C or more	26	22.5*
Grass temperature (degC)		
Lowest minimum	-14.4	-9.0*
Mean grass minimum	4.3	4.7*
Soil temperature (degC)		
5cm mean	9.2	9.3
10cm mean	9.3	9.7
20cm mean	10.2	10.6
30cm mean	10.7	11.0
50cm mean	10.6	10.8
100cm mean	10.7	10.9
5cm maximum	20.7	20.5*
5cm minimum	-0.1	0.1*
10cm maximum	20.4	20.8*
10cm minimum	0.0	0.3*
20cm maximum	20.6	21.5*
20cm minimum	0.9	1.8*
30cm maximum	19.8	20.6*
30cm minimum	2.0	3.1*
50cm maximum	19.2	19.5*
50cm minimum	2.7	3.7*
100cm maximum	16.9	17.7*
100cm minimum	4.9	5.6*
Sunshine (hr)		
Mean daily sunshine amount	4.24	3.96
Total sunshine	1559.2	1446.8 Roughly the same sunshine amount as in 2008
Maximum daily sunshine	15.4	14.7
Number of sunless days	74	75.1 The most sunless days since 2004
No. of days with over 12h	22	17.8*
Precipitation (mm)		
Total fall	523.0	653.1 The driest year since 2005
Highest daily total	25.4	34.2
No. of days with 0.2mm or more	161	155
No. of days with 1.0mm or more	109	143
No. of days with 5.0mm or more	32	43.2
Number of days with		
Snow or sleet falling	30	11.2 The most days with snow since 1979
50% snow cover on round at 0900GMT	23	4.7 The most days with snow lying since 1963 (which had 46 days)
Hail or ice pellets falling	1	4.5
Thunder heard	5	12.0 The least thunder since 1978 (which also had 5 days)
Fog at 0900GMT	9	14.0
Air frost	61	41.1 The most air frosts since 62 in 1985
Ground frost	98	92.4 The most ground frosts since 98 in 2005
Gale	0	1.9
Air pressure		
Mean at 0900GMT	1015.2	1016.0
Miscellaneous		
Mean relative humidity at 0900GMT	80	82*
Number of hours with rain	533.4	545.9
Number of hours with air frost	600.7	319.8
Most hours of rain in a day	18.0	16.3*
Mean cloud cover at 0700GMT (eighths)	5.9	5.6*
Mean wind speed at 0700GMT (knots)	4.2	4.9*
Total piche evaporation (ml)	522.6	576.5
Greatest daily evaporation (ml)	5.1	5.5*

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