

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR 2009

	2009	Climatological normal	Notes
Air temperature (degC)			
Mean maximum	15.5	14.7	
Mean minimum	7.1	6.7	
Mean	11.3	10.7	
Highest maximum	31.1	30.0	The highest temperature since July 2006
Lowest maximum	0.0	0.0	
Highest minimum	18.7	18.0	
Lowest minimum	-7.6	-7.1	The coldest night since 1991
No. of days with minimum below -5C	5	1.6*	
No. of days with maximum 25C or more	22	28.4*	
No. of days with maximum below 0C	0	0.6*	
No. of days with minimum 15C or more	17	22.5*	
Grass temperature (degC)			
Lowest minimum	-9.5	-9.0*	
Mean grass minimum	5.0	4.7*	
Soil temperature (degC)			
5cm mean	10.2	9.3	
10cm mean	10.3	9.7	
20cm mean	11.1	10.6	
30cm mean	11.5	11.0	
50cm mean	11.4	10.8	
100cm mean	11.4	10.9	
5cm maximum	21.1	20.5*	
5cm minimum	-0.1	0.1*	
10cm maximum	21.3	20.8*	
10cm minimum	-0.1	0.3*	
20cm maximum	21.9	21.5*	
20cm minimum	1.0	1.8*	
30cm maximum	20.6	20.6*	
30cm minimum	2.3	3.1*	
50cm maximum	19.0	19.5*	
50cm minimum	3.1	3.7*	
100cm maximum	16.7	17.7*	
100cm minimum	4.7	5.6*	
Sunshine (hr)			
Mean daily sunshine amount	4.67	3.96	
Total sunshine	1695.3	1446.8	The sunniest year since 2007
Maximum daily sunshine	15.1	14.7	
Number of sunless days	55	75.1	
No. of days with over 12h	15	17.8*	
Precipitation (mm)			
Total fall	635.2	653.1	The driest year since 2005
Highest daily total	27.6	34.2	
No. of days with 0.2mm or more	168	155	
No. of days with 1.0mm or more	120	143	
No. of days with 5.0mm or more	37	43.2	
Number of days with			
Snow or sleet falling	20	11.2	The most days with snowfall since 2005 The most mornings with lying snow since 1985; 16cm snow depth in December
50% snow cover on round at 0900GMT	13	4.7	was the most for over 20 years
Hail or ice pellets falling	2	4.5	
Thunder heard	9	12.0	The fewest days with thunder since 2003
Fog at 0900GMT	7	14.0	
Air frost	45	41.1	The most air frosts since 2001
Ground frost	71	92.4	
Gale	0	1.9	
Air pressure			
Mean at 0900GMT	1013.8	1016.0	
Miscellaneous			
Mean relative humidity at 0900GMT	80	82*	
Number of hours with rain	578.1	545.9	
Number of hours with air frost	346.6	319.8	
Most hours of rain in a day	22.9	16.3*	
Mean cloud cover at 0700GMT (eighths)	5.7	5.6*	
Mean wind speed at 0700GMT (knots)	4.2	4.9*	
Total piche evaporation (ml)	532.3	576.5	
Greatest daily evaporation (ml)	4.7	5.5*	

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