

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR FEBRUARY 2014

DD	N	dd	ff	ww	VV	0900GMT		Temperature				Soil temperatures (depth in cm)						E	SS	Rain	Sun	S	L	H	T	G	F	Press	Rain hrs	Fr. hrs	Pch Evap		
						Temp	RH	Max	Min	Gmin	5	10	20	30	50	100																	
01	0	22	05	02	97	4.4	93	9.2	2.8	-0.6	4.7	4.8	5.6	6.0	5.9	7.0	20	0	tr	5.8	0	0	0	0	0	0	0	990.0	0.0	0.0	1.7	Number of days with 2014 normal Snow/sleet falling 0 3.7 50% snow cover 09GMT 0 1.8 Hail or ice pellets 2 0.6 Thunder 0 0.3 Gale 0 0.2 Fog at 09GMT 0 1.7 Air frost 0 9.3 Ground frost 16 17.2 0.2mm precipitation 22 12.1 1.0mm precipitation 17 9.4 5.0mm precipitation 5 3.2 No sunshine 3 8.1 The total rainfall of 109.2 mm made it the wettest February since 1951 when 117.6 mm fell. For the winter as whole the rainfall total was 374.5 mm, making it the wettest winter in local records that go back to 1859. The monthly mean MSL pressure in February was remarkably low and there was no air frost.	
02	0	18	02	02	97	6.4	84	10.5	4.4	1.5	4.9	4.5	5.5	6.0	6.1	7.0	10	0	0.0	6.0	0	0	0	0	0	0	1005.5	0.0	0.0	0.8			
03	3	13	02	02	97	6.2	88	8.4	2.3	-2.5	3.8	3.8	5.1	5.8	6.2	7.0	10	0	0.7	0.2	0	0	0	0	0	0	1005.0	1.0	0.0	1.1			
04	7	22	02	03	97	5.0	87	8.4	2.1	-1.9	3.9	4.1	5.4	5.8	5.9	7.0	10	0	15.8	2.5	0	0	0	0	0	0	1001.0	8.2	0.0	0.9			
05	8	18	09	80	97	7.3	78	9.5	4.8	0.0	5.5	5.3	5.6	5.9	6.0	7.0	20	0	3.7	0.3	0	0	0	0	0	0	980.5	4.5	0.0	1.5			
06	8	22	05	02	97	7.2	79	9.3	6.4	2.8	5.1	4.9	5.8	6.1	6.2	6.9	10	0	25.6	0.0	0	0	0	0	0	0	996.5	17.5	0.0	0.3			
07	8	31	13	60	96	4.6	92	9.6	3.7	3.2	6.0	5.9	6.2	6.4	6.2	6.9	20	0	4.7	5.5	0	0	0	0	0	0	991.0	5.5	0.0	1.1			
08	2	22	09	02	97	7.3	77	10.0	4.0	2.1	6.2	6.1	6.4	6.5	6.3	7.0	20	0	2.2	2.6	0	0	0	0	0	0	980.0	1.0	0.0	2.0			
09	8	22	13	02	97	7.0	77	8.5	5.3	3.8	5.8	5.5	6.1	6.5	6.4	7.1	10	0	0.4	2.1	0	0	0	0	0	0	983.5	0.4	0.0	1.1			
10	8	09	02	02	97	4.5	91	9.9	3.1	-0.9	4.4	4.4	5.4	6.2	6.4	7.1	10	0	4.5	2.0	0	0	5	0	0	0	991.0	0.7	0.0	0.3			
11	8	13	13	60	97	6.7	84	8.1	0.6	-2.7	3.9	3.8	4.7	5.9	6.3	7.1	10	0	1.7	3.5	0	0	0	0	0	0	991.0	1.5	0.0	0.9			
12	8	18	05	03	97	6.8	84	9.0	2.1	-1.6	3.8	3.8	4.7	5.6	6.1	7.0	10	0	8.9	0.3	0	0	0	0	0	0	997.0	3.0	0.0	1.4			
13	8	18	02	02	97	4.3	87	9.1	1.1	-1.5	3.2	3.3	4.5	5.6	5.8	6.9	20	0	0.2	7.4	0	0	0	0	0	0	989.5	0.4	0.0	1.0			
14	8	18	02	02	97	4.8	88	11.9	0.7	-2.0	3.2	3.1	4.1	5.4	5.6	6.8	10	0	12.6	0.0	0	0	0	0	0	0	998.0	11.8	0.0	2.3			
15	6	22	17	02	97	9.0	71	11.9	4.7	1.6	6.1	5.6	5.8	5.9	5.6	6.8	10	0	0.2	8.4	0	0	0	0	0	0	987.0	0.2	0.0	1.1			
16	0	27	02	02	97	3.4	92	10.7	0.9	-3.1	3.3	3.4	4.8	5.9	6.0	6.8	10	0	tr	7.5	0	0	0	0	0	0	1008.5	0.0	0.0	0.9			
17	8	13	05	03	97	6.8	93	10.3	1.0	-2.1	4.3	3.9	6.2	5.8	6.1	6.8	10	0	4.4	0.2	0	0	0	0	0	0	1008.0	6.6	0.0	0.7			
18	8	13	02	61	96	8.5	92	11.0	6.7	2.0	6.5	6.1	5.9	6.3	6.2	6.8	20	0	2.8	2.2	0	0	5	0	0	0	1008.5	1.5	0.0	0.3			
19	8	22	02	02	96	6.3	93	10.7	3.5	-0.3	5.4	5.2	7.2	6.5	6.3	6.9	10	0	1.9	0.4	0	0	0	0	0	0	1013.0	2.3	0.0	0.2			
20	8	18	05	21	97	10.7	89	13.6	6.3	3.1	8.2	7.6	6.0	6.9	6.5	6.9	10	0	0.8	2.6	0	0	0	0	0	0	1000.0	2.5	0.0	0.7			
21	0	22	02	02	97	4.7	89	11.8	1.3	-1.4	4.3	4.5	5.5	6.9	6.6	7.0	10	0	0.1	8.5	0	0	0	0	0	0	1005.0	0.1	0.0	1.3			
22	0	22	09	02	97	7.0	88	13.1	2.3	-0.4	4.8	4.5	7.0	6.6	6.6	7.1	10	0	0.1	7.2	0	0	0	0	0	0	1010.0	0.1	0.0	1.8			
23	8	18	09	60	97	10.9	83	13.0	6.8	3.0	7.8	7.2	6.9	6.9	6.6	7.1	10	0	tr	0.0	0	0	0	0	0	0	1010.0	0.0	0.0	1.3			
24	4	13	05	02	97	8.8	91	14.6	5.5	0.6	6.0	6.1	7.9	7.1	6.9	7.2	10	0	4.1	4.1	0	0	0	0	0	0	1005.5	4.8	0.0	1.2			
25	8	18	05	21	95	8.7	86	10.6	7.9	1.4	7.6	7.4	6.2	7.7	7.2	7.2	20	0	4.5	3.4	0	0	0	0	0	0	999.5	4.0	0.0	0.6			
26	0	22	02	02	97	5.1	92	11.7	0.4	-1.0	4.3	4.6	6.4	7.4	7.3	7.4	10	0	2.6	7.6	0	0	0	0	0	0	1013.5	4.0	0.0	1.2			
27	8	18	05	21	97	7.0	84	12.9	5.1	-0.7	6.5	6.2	6.4	7.0	7.1	7.5	10	0	5.1	5.7	0	0	0	0	0	0	1006.5	4.7	0.0	1.0			
28	8	09	09	61	95	5.3	90	8.4	1.2	-1.6	5.4	5.4	6.1	8.0	7.1	7.4	20	0	1.6	0.6	0	0	0	0	0	0	995.0	4.0	0.0	0.5			
Monthly means						6.6	87	10.6	3.5	0.0	5.2	5.0	5.8	6.4	6.3	7.0											998.9						
Monthly totals																			109.2	96.6							90.3	0.0	29.2				
Highest values						10.9		14.6	7.9	3.8	8.2	7.6	7.9	8.0	7.3	7.5			25.6	8.5							17.5	0.0	2.3				
Lowest values						3.4	71	8.1	0.4	-3.1	3.2	3.1	4.1	5.4	5.6	6.8																	
1981-2010 monthly climatological averages						88	85	1.8	-1.2	3.7	3.8	4.7	5.2	5.3	6.3				43.7	77.8							1017.8	48.7	82.9	29.7			

DD: date

07GMT observations

N	cloud cover (oktas, 9=obscured)	dd	wind direction (degrees/10)
ff	wind speed (knots)		
ww	present weather code		
1	cloud decreasing	50	slight drizzle
2	sky not changing	60	intermittent slight rain
3	cloud increasing	61	continuous slight rain
21	recent rain	71	continuous slight snow
25	recent rain shower	95	light thunderstorm
VV	visibility (00-50 metres/100, 94 very poor, 95 poor, 96 moderate, 97 good)		

Soil temperatures are for 0700GMT beneath bare soil (5, 10, 20cm) or grass (30, 50, 100cm)

09GMT observations

Temp	temperature (degC)	RH	relative humidity (%)
E	state of ground (X0 hail, X1 to X9 snow lying, 10 moist, 20 wet, 40 frozen)		
SS	snow depth (cm)		
Press	air pressure (mb)		

24 hour readings

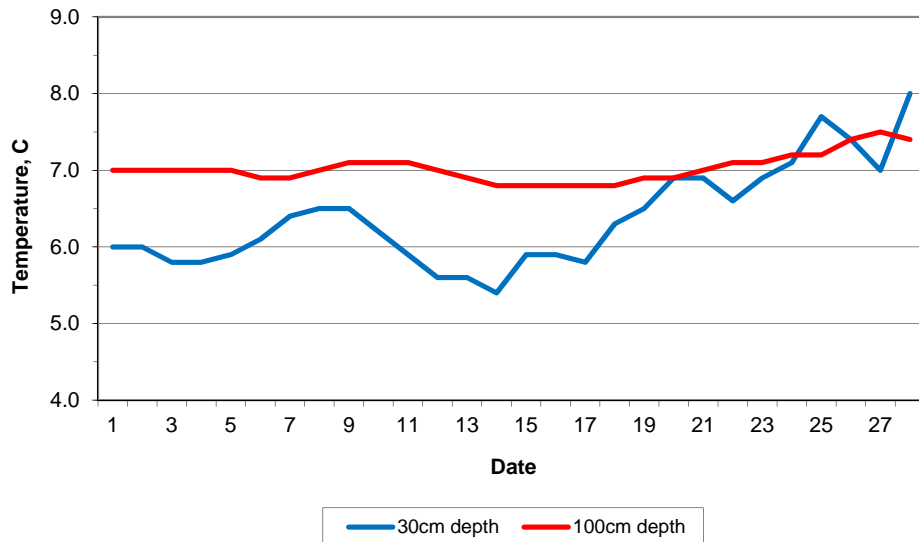
Max	maximum temperature (degC) beginning 09GMT	Min	minimum temperature (degC) ending 09GMT
Gmin	grass minimum temperature (degC) ending 09GMT	Rain	precipitation beginning 09GMT
Sun	sunshine (hours) sunrise-sunset	Rain hrs	hours of rainfall (>0.1mm/h) 09-09GMT
Fr. Hrs	hours of air frost (00-24GMT)	Pch Evap	Piche evaporation (ml) beginning 09GMT

Days with

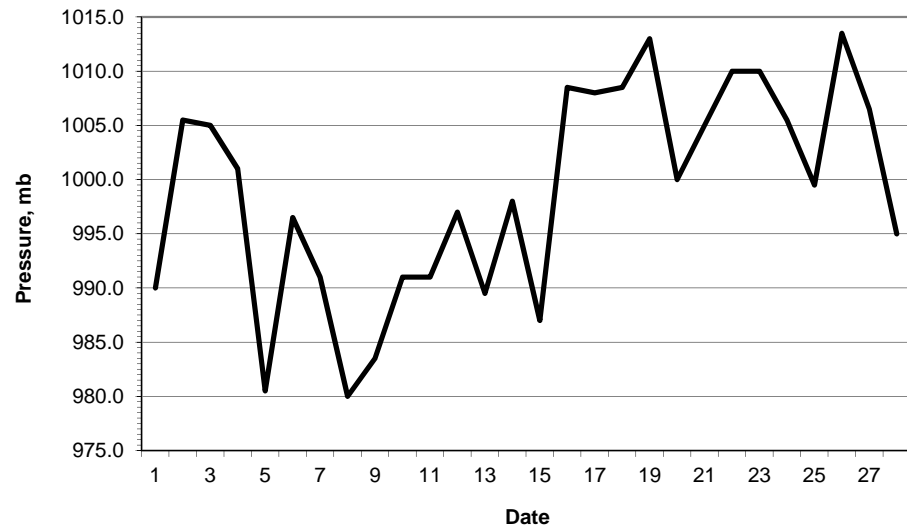
S	snow(5) or sleet(1) falling	L	50% snow cover at 09GMT	H	hail or ice pellets
T	thunder heard	G	gale	F	fog at 09GMT

This information (and data for earlier months) is also available at <http://www.met.reading.ac.uk/~brugge>

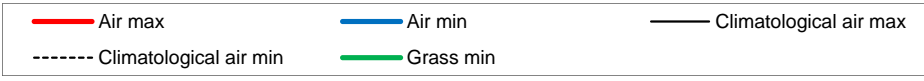
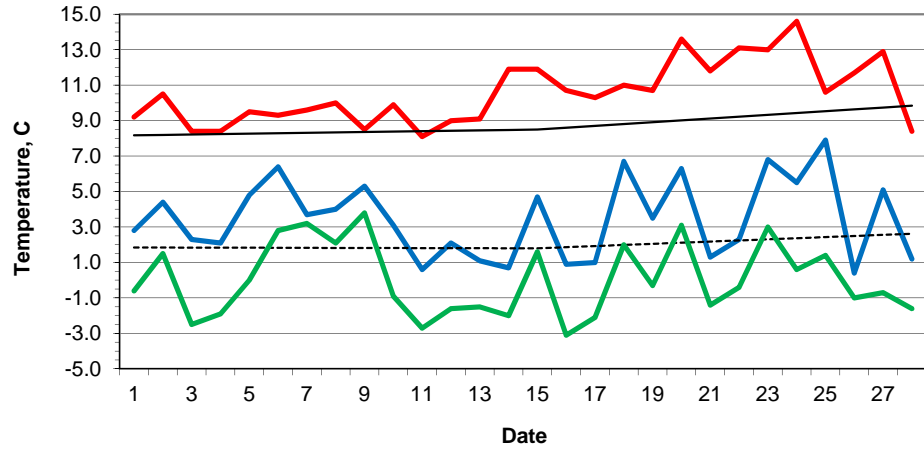
Daily soil temperatures, 0700GMT



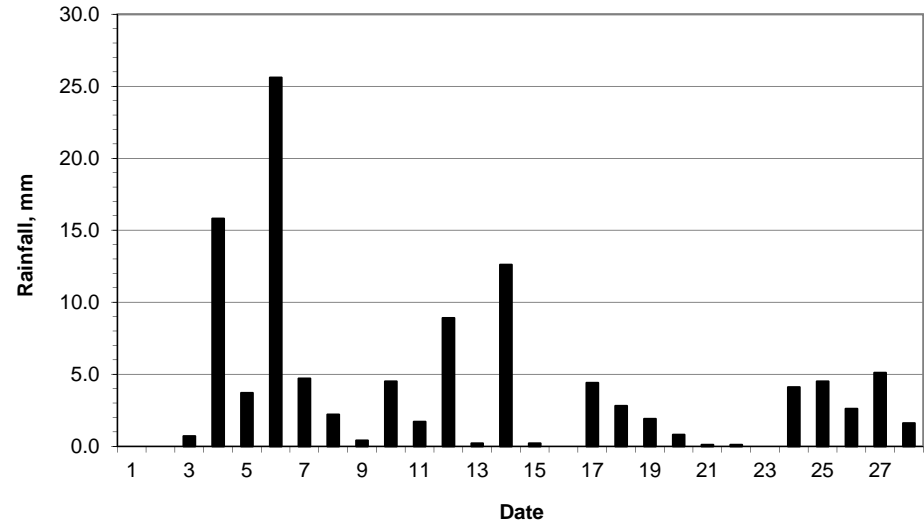
Mean sea level pressure, 0900GMT



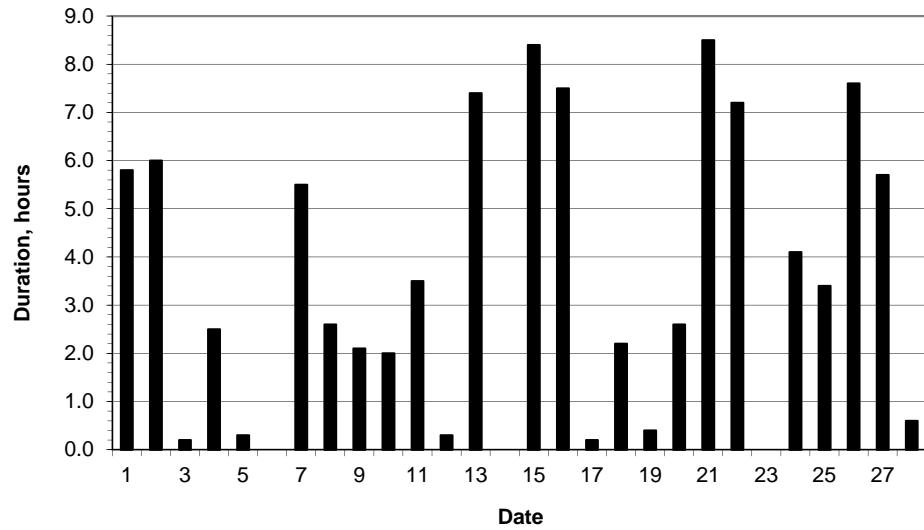
Daily temperature extremes



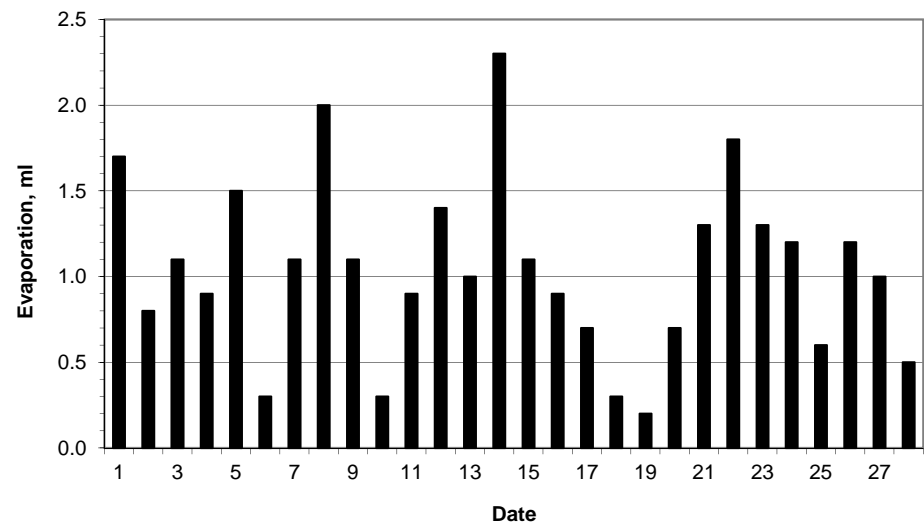
Daily rainfall



Daily sunshine



Daily evaporation



In the figure below, the year number refers to the year of the January; thus 2014 denotes the winter of December 2013-February 2014.

Winter rainfall (mm) in central Maidenhead, 1860-2014

