

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR JUNE 2004

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	8	31	02	02	96	14.6	93	17.7	12.0	9.5	13.5	14.0	15.7	15.8	14.7	13.3	10	0	0.0	0.1	0	0	0	0	0	0	1015.5	0.0	0.0	1.0	Number of	
02	6	32	05	02	97	16.8	70	21.5	11.5	9.0	13.0	13.7	14.7	15.5	14.7	13.5	10	0	0.0	13.5	0	0	0	0	0	0	1027.5	0.0	0.0	2.4	days with	
03	6	18	02	02	97	19.0	58	21.8	10.8	5.0	13.0	13.5	15.6	16.0	14.9	13.5	10	0	0.0	3.5	0	0	0	0	0	0	1032.0	0.0	0.0	2.0	2004 normal	
04	5	31	05	02	97	20.5	76	24.4	15.3	13.0	14.5	15.0	17.1	16.5	15.2	13.7	00	0	0.1	7.5	0	0	0	0	0	0	1024.5	0.1	0.0	2.4	Snow/sleet falling	
05	8	30	05	02	97	17.6	80	21.7	16.3	13.9	17.3	17.3	17.5	16.9	15.4	13.7	00	0	tr	2.7	0	0	0	0	0	0	1022.5	0.0	0.0	1.4	0 0.0	
06	7	27	02	02	97	21.7	77	24.6	13.3	10.0	17.2	16.8	16.8	16.4	15.6	13.9	00	0	0.0	5.8	0	0	0	0	0	0	1021.0	0.0	0.0	1.8	50% snow cover 09GMT	
07	6	26	02	02	97	22.6	61	28.2	12.7	10.5	16.2	16.3	17.2	16.7	15.7	14.0	00	0	0.0	15.0	0	0	0	0	0	0	1020.0	0.0	0.0	3.0	0 0.0	
08	4	27	05	02	97	25.5	59	30.8	13.9	11.4	17.7	17.9	18.5	18.0	16.3	14.1	00	0	0.0	10.8	0	0	0	0	0	0	1017.5	0.0	0.0	3.3	Hail or ice pellets	
09	7	22	09	02	97	18.4	75	23.4	13.9	13.1	18.8	18.9	19.5	18.7	16.9	14.4	00	0	tr	2.9	0	0	0	0	0	0	1020.5	0.0	0.0	2.0	0 0.1	
10	5	21	05	02	97	17.9	82	24.4	14.6	12.1	18.3	18.4	19.0	18.5	17.0	14.7	00	0	0.0	6.6	0	0	0	0	0	0	1020.0	0.0	0.0	2.3	Thunder	
11	5	19	05	02	97	18.7	57	22.7	12.6	10.0	16.7	17.3	18.5	18.3	16.8	14.9	00	0	0.0	11.5	0	0	0	0	0	0	1020.0	0.0	0.0	2.8	0 2.0	
12	7	32	09	02	97	18.8	58	22.1	11.1	8.2	16.9	17.1	17.9	18.0	16.9	15.0	00	0	0.0	7.3	0	0	0	0	0	0	1024.5	0.0	0.0	2.8	Gale	
13	0	27	02	02	97	22.0	76	25.4	11.2	8.2	17.1	16.8	17.8	17.9	16.9	15.1	00	0	0.0	14.8	0	0	0	0	0	0	1034.0	0.0	0.0	3.2	0 0.0	
14	6	22	02	02	97	24.9	63	28.9	14.4	11.9	18.1	18.4	19.2	18.9	17.4	15.1	00	0	0.0	12.6	0	0	0	0	0	0	1032.0	0.0	0.0	3.4	Fog at 09GMT	
15	0	27	05	02	97	24.4	60	27.6	13.6	10.4	17.9	18.4	19.5	19.5	17.8	15.4	00	0	0.0	12.2	0	0	0	0	0	0	1025.0	0.0	0.0	3.1	0 0.1	
16	6	25	09	03	97	20.9	71	26.9	12.1	9.5	17.9	18.6	20.0	20.0	18.3	15.6	00	0	0.0	11.7	0	0	0	0	0	0	1023.5	0.0	0.0	3.8	Air frost	
17	6	27	13	02	97	18.5	68	20.0	15.2	12.5	18.6	19.2	20.1	20.0	18.5	15.9	00	0	0.0	2.3	0	0	0	0	0	0	1013.5	0.0	0.0	2.2	0 0.0	
18	8	34	02	02	97	15.9	70	18.6	14.1	12.9	17.8	18.3	18.9	18.9	18.1	16.0	00	0	tr	0.6	0	0	0	0	0	0	1010.5	0.0	0.0	1.8	Ground frost	
19	1	27	09	02	97	15.9	77	19.9	6.3	3.9	14.2	15.0	17.0	17.7	17.5	16.0	00	0	1.0	8.7	0	0	0	0	0	0	1011.5	0.5	0.0	2.0	0 0.0	
20	6	26	05	02	97	15.9	64	17.4	7.1	4.4	15.2	15.1	16.2	17.5	17.3	15.9	00	0	1.0	5.0	0	0	0	0	0	0	1009.0	0.8	0.0	1.5	0.2mm precipitation	
21	7	24	05	03	97	15.8	68	20.1	5.6	3.9	13.1	13.7	15.8	17.0	16.8	15.8	00	0	1.2	5.2	0	0	0	0	0	0	1010.5	0.7	0.0	1.6	9 11.5	
22	7	10	02	03	97	18.6	64	20.3	7.7	6.0	13.4	14.2	16.0	16.9	16.6	15.7	10	0	9.8	5.2	0	0	0	0	0	0	1014.5	9.5	0.0	2.0	1.0mm precipitation	
23	8	20	09	21	97	15.0	87	16.4	13.8	10.7	16.1	16.2	16.9	17.1	16.5	15.6	10	0	1.4	0.1	0	0	0	0	0	0	993.0	2.8	0.0	1.5	7 8.9	
24	1	23	19	02	97	16.3	58	19.5	11.5	9.0	12.8	13.5	15.3	16.2	16.0	15.5	10	0	0.8	13.2	0	0	0	0	0	0	1009.0	0.7	0.0	2.8	5.0mm precipitation	
25	1	22	05	02	97	14.8	62	21.2	9.6	7.1	13.2	13.9	15.6	16.5	16.3	15.4	10	0	0.0	11.0	0	0	0	0	0	0	1020.0	0.0	0.0	2.5	2 3.5	
26	8	18	02	03	97	18.1	75	20.9	9.6	7.1	14.7	14.9	16.1	16.9	16.2	15.4	10	0	2.2	0.1	0	0	0	0	0	0	1020.0	4.3	0.0	1.0	No sunshine	
27	1	25	09	03	97	20.9	82	23.4	15.6	12.5	19.4	17.4	16.5	16.6	16.1	15.2	10	0	11.2	9.6	0	0	0	0	0	0	1018.5	0.6	0.0	1.5	0 2.3	
28	1	15	02	02	97	17.8	73	20.6	8.7	6.8	13.3	14.1	16.3	16.8	16.2	15.2	10	0	0.0	9.6	0	0	0	0	0	0	1027.5	0.0	0.0	2.2	Warm and mostly dry	
29	3	22	02	02	97	19.8	70	23.5	10.4	8.2	14.2	14.8	16.2	16.9	16.3	15.2	10	0	tr	6.9	0	0	0	0	0	0	1027.0	0.0	0.0	2.1	until the 17th, then	
30	5	23	05	21	97	18.0	65	21.5	12.5	11.8	16.6	16.9	17.7	17.5	16.4	15.4	10	0	0.2	5.9	0	0	0	0	0	0	1017.0	0.2	0.0	1.5	cooler and unsettled.	
Monthly means						18.9	70	22.5	11.9	9.4	15.9	16.2	17.3	17.5	16.5	14.9											1019.4				Unusually low pressure	
Monthly totals																				28.9	221.9							20.2	0.0	66.9	and rather windy for	
Highest values						25.5	30.8	16.3	13.9	19.4	19.2	20.1	20.0	18.5	16.0				11.2	15.0							9.5	0.0	3.8	Overall, however,		
Lowest values						14.6	57	16.4	5.6	3.9	12.8	13.5	14.7	15.5	14.7	13.3																month, with winds
1971-2000 monthly climatological averages						74	20.0	10.9	8.9	14.3	14.6	15.6	15.3	14.4	12.9				52.0	180.0								1016.8	36.4	0.0	72.4	frequently from the SW, W or NW.

Key

DD: date

07GMT observations

N	cloud cover (oktas, 9=obscured)	dd	wind direction (degrees/10)
ff	wind speed (knots)		
ww	present weather code		
2	sky not changing	60	intermittent light rain
3	cloud increasing	95	moderate thunderstorm with rain
21	recent rain		
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 (00 dry, 10 moist, 20 wet, 90 cracked)	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.rdg.a.uk/~brugge>