

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR JULY 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	5	25	09	02	97	17.3	65	20.4	9.9	8.0	14.5	15.3	16.8	17.4	16.4	15.4	10	0	5.3	7.5	0	0	0	0	0	0	1014.5	3.3	0.0	1.8	Number of days with 2004 normal Snow/sleet falling 0 0.0 50% snow cover 09GMT 0 0.0 Hail or ice pellets 0 0.2 Thunder 0 2.0 Gale 0 0.0 Fog at 09GMT 0 0.0 Air frost 0 0.0 Ground frost 0 0.0 0.2mm precipitation 12 10.7 1.0mm precipitation 6 7.5 5.0mm precipitation 5 2.3 No sunshine 0 1.5 Generally warm, and sometimes humid, during the final ten days. Very little rain falling after the 10th. A slightly cooler month than normal, and the driest July for five years. Only the second July (along with 2003) without thunder since 1990.	
02	7	18	09	02	97	16.2	77	19.0	11.9	9.6	15.3	15.7	16.9	17.4	16.7	15.4	10	0	5.1	7.0	0	0	0	0	0	0	1010.5	1.0	0.0	1.6		
03	6	22	13	02	97	16.5	66	20.5	11.2	9.4	15.3	15.4	16.4	17.1	16.6	15.5	10	0	0.0	12.5	0	0	0	0	0	0	1013.5	0.0	0.0	2.7		
04	7	20	09	02	97	15.9	76	18.4	10.7	9.2	16.8	16.2	17.0	17.3	16.7	15.5	10	0	0.7	0.4	0	0	0	0	0	0	1015.5	1.2	0.0	1.4		
05	4	22	02	02	97	18.4	64	22.0	8.3	7.0	13.3	14.0	16.0	16.7	16.5	15.5	10	0	0.0	12.2	0	0	0	0	0	0	1020.5	0.0	0.0	2.1		
06	0	18	02	02	97	21.1	46	24.9	9.0	7.4	13.9	14.8	16.5	17.2	16.6	15.5	10	0	0.0	11.2	0	0	0	0	0	0	1024.0	0.0	0.0	3.7		
07	8	12	05	03	97	19.0	73	22.2	11.3	9.6	15.9	16.5	17.7	18.0	17.0	15.5	10	0	8.0	2.7	0	0	0	0	0	0	1015.5	6.9	0.0	2.2		
08	5	09	05	02	97	16.7	80	17.4	12.0	10.2	14.8	15.5	16.6	17.1	16.8	15.5	10	0	7.0	1.5	0	0	0	0	0	0	1007.0	4.0	0.0	0.8		
09	6	29	13	02	97	14.9	77	18.9	10.6	9.5	14.3	14.6	15.8	16.6	16.4	15.5	10	0	0.0	3.7	0	0	0	0	0	0	1014.0	0.0	0.0	1.7		
10	2	32	09	02	97	18.2	76	19.0	9.1	7.2	14.0	14.4	15.7	16.4	16.3	15.5	10	0	6.3	6.3	0	0	0	0	0	0	1017.5	2.9	0.0	1.1		
11	8	27	02	02	97	14.9	90	18.0	10.9	9.9	14.4	14.4	15.9	16.5	16.2	15.4	10	0	0.0	1.4	0	0	0	0	0	0	1015.0	0.0	0.0	1.4		
12	8	32	02	02	97	16.6	86	18.9	12.0	9.4	14.6	14.9	15.9	16.4	16.1	15.4	10	0	0.0	1.2	0	0	0	0	0	0	1016.5	0.0	0.0	1.3		
13	4	25	05	02	97	18.9	53	21.0	8.7	6.9	13.3	13.9	15.6	15.9	15.7	15.2	10	0	1.3	7.6	0	0	0	0	0	0	1020.0	1.8	0.0	2.4		
14	8	27	09	02	97	15.7	93	22.5	13.0	10.5	15.1	15.6	16.5	16.5	16.0	15.2	10	0	0.3	4.7	0	0	0	0	0	0	1018.5	0.6	0.0	1.2		
15	8	25	05	02	96	19.6	90	24.0	15.7	14.2	17.3	17.2	17.0	16.7	16.1	15.2	10	0	0.8	2.6	0	0	0	0	0	0	1017.5	0.7	0.0	2.5		
16	8	22	09	60	97	18.2	94	23.8	16.8	9.8	17.8	18.1	18.0	17.5	16.3	15.2	10	0	0.0	3.6	0	0	0	0	0	0	1015.5	0.0	0.0	0.7		
17	8	18	05	02	97	19.2	88	24.9	16.2	14.9	18.1	17.8	17.9	17.6	16.7	15.4	10	0	tr	5.7	0	0	0	0	0	0	1013.0	0.0	0.0	1.8		
18	8	18	02	60	97	16.5	91	22.9	14.7	13.1	17.3	17.5	17.9	17.6	16.8	15.5	10	0	0.2	5.5	0	0	0	0	0	0	1015.0	1.2	0.0	1.7		
19	1	18	02	02	97	20.4	49	23.0	9.7	8.8	14.6	15.6	17.3	17.8	16.9	15.7	10	0	0.0	9.7	0	0	0	0	0	0	1019.0	0.0	0.0	2.4		
20	7	19	05	02	97	20.0	67	25.0	11.2	9.0	16.2	16.6	17.9	18.0	17.2	15.8	10	0	0.0	5.6	0	0	0	0	0	0	1014.5	0.0	0.0	2.6		
21	8	18	09	02	97	19.5	83	22.5	16.9	15.4	18.2	18.3	18.7	18.3	17.4	15.9	00	0	0.2	0.8	0	0	0	0	0	0	1015.0	0.4	0.0	1.8		
22	8	15	02	21	97	19.3	78	26.0	15.2	12.2	17.8	17.8	18.4	18.2	17.5	16.0	00	0	0.0	1.6	0	0	0	0	0	0	1019.0	0.4	0.0	2.2		
23	1	28	05	02	97	21.8	67	26.0	13.6	11.2	16.8	17.6	18.7	18.4	17.6	16.1	00	0	0.0	13.5	0	0	0	0	0	0	1022.0	0.0	0.0	3.0		
24	4	22	02	02	97	21.2	57	25.2	12.2	9.6	17.6	17.8	18.9	19.0	18.2	16.2	00	0	0.0	10.0	0	0	0	0	0	0	1027.5	0.0	0.0	3.0		
25	7	23	05	03	97	19.3	64	24.5	12.3	10.0	17.8	18.0	19.0	19.2	18.6	16.4	00	0	tr	4.9	0	0	0	0	0	0	1022.0	0.0	0.0	2.3		
26	8	27	02	02	97	17.4	85	22.5	15.0	14.9	18.3	18.7	19.3	19.3	18.6	16.6	00	0	0.0	3.0	0	0	0	0	0	0	1018.5	0.0	0.0	1.5		
27	7	00	00	02	97	18.3	69	23.6	12.9	10.6	17.7	17.7	18.4	18.5	18.3	16.7	00	0	0.0	3.4	0	0	0	0	0	0	1021.5	0.0	0.0	1.9		
28	0	14	02	02	97	22.0	75	26.9	12.4	10.1	16.9	17.3	18.5	18.6	18.2	16.7	00	0	0.0	7.8	0	0	0	0	0	0	1021.0	0.0	0.0	2.7		
29	6	09	02	02	97	23.6	58	29.6	14.3	11.7	17.7	18.1	19.0	19.0	18.3	16.7	00	0	0.0	7.6	0	0	0	0	0	0	1017.0	0.0	0.0	4.0		
30	7	29	02	02	97	19.5	75	26.3	17.4	14.5	19.6	19.8	20.2	19.9	18.8	16.9	00	0	0.3	8.3	0	0	0	0	0	0	1020.0	1.0	0.0	2.4		
31	7	00	00	02	97	21.1	67	29.0	13.7	11.1	19.0	19.0	19.7	19.9	19.2	17.0	00	0	0.0	9.1	0	0	0	0	0	0	1022.5	0.0	0.0	3.4		
Monthly means						18.6	74	22.9	12.5	10.5	16.3	16.6	17.6	17.7	17.1	15.8											1017.5					
Monthly totals																			35.5	182.6							25.4	0.0	65.3			
Highest values						23.6		29.6	17.4	15.4	19.6	19.8	20.2	19.9	19.2	17.0			8.0	13.5							6.9	0.0	4.0			
Lowest values						14.9	46	17.4	8.3	6.9	13.3	13.9	15.6	15.9	15.7	15.2																
1971-2000 monthly climatological averages						74	22.7	13.0	11.0	16.3	16.8	17.7	17.5	16.6	15.3			39.7	193.4									1017.1	29.5	0.0	78.5	

Key
 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 21 recent rain
 2 sky not changing 60 intermittent slight rain
 3 cloud increasing 61 continuous light 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>

