

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR APRIL 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	21	05	02	97	11.7	92	16.4	9.8	4.5	9.1	8.9	9.3	8.9	7.9	7.8	10	0	2.3	2.9	0	0	0	0	0	0	0	1008.5	6.6	0.0	1.5	Number of days with 2004 normal Snow/sleet falling 0 1.0 50% snow cover 09GM 0 0.0 Hail or ice pellets 0 1.0 Thunder 2 0.8 Gale 0 0.0 Fog at 09GMT 0 0.1 Air frost 0 1.9 Ground frost 8 9.0 0.2mm precipitation 14 12.8 1.0mm precipitation 12 9.5 5.0mm precipitation 5 3.2 No sunshine 5 3.1 Another mild April, with no air frosts for the second time in ten years. Several rather cloudy days, with unusually low pressure on the 18th. A dull and rather damp end to the month with no sun on last three days.
02	8	15	02	02	97	10.5	93	16.5	9.6	7.0	9.7	9.5	9.7	9.3	8.3	7.9	10	0	0.0	7.7	0	0	0	0	0	0	1009.0	0.0	0.0	1.5		
03	8	18	05	02	97	11.0	87	13.8	6.4	0.3	8.7	8.4	9.1	9.4	8.4	8.1	10	0	7.6	1.3	0	0	0	0	0	0	1011.5	5.0	0.0	1.4		
04	1	22	09	02	97	10.6	68	13.9	7.1	2.4	7.8	8.3	9.3	9.4	8.6	8.2	10	0	5.3	6.6	0	0	0	0	0	0	1017.5	1.1	0.0	1.6		
05	6	25	05	03	97	9.2	72	13.1	5.6	1.4	6.8	7.3	8.7	9.4	8.7	8.4	10	0	0.7	1.3	0	0	0	0	0	0	1015.5	1.0	0.0	1.5		
06	0	27	05	02	97	8.5	69	11.2	4.2	-0.8	6.2	6.7	8.1	9.0	8.9	8.5	10	0	4.0	6.8	0	0	0	0	0	0	1011.0	2.0	0.0	1.2		
07	2	21	09	02	97	7.6	73	12.1	4.0	-0.1	6.4	6.7	7.9	8.9	8.4	8.5	10	0	tr	6.5	0	0	0	0	0	0	1016.0	0.0	0.0	1.4		
08	7	33	05	02	97	9.1	75	10.9	2.5	-2.5	6.0	6.2	7.4	8.4	8.3	8.5	10	0	0.0	4.9	0	0	0	0	0	0	1022.5	0.0	0.0	2.0		
09	0	36	05	02	97	7.3	81	13.6	1.8	-2.5	5.5	5.7	7.4	8.2	8.1	8.4	10	0	1.0	9.6	0	0	0	0	0	0	1023.5	3.0	0.0	1.3		
10	8	34	05	21	97	9.9	95	12.5	7.3	2.2	8.8	8.3	8.6	8.8	8.1	8.5	10	0	0.0	0.3	0	0	0	0	0	0	1020.0	0.0	0.0	1.3		
11	8	29	05	02	97	7.0	82	13.2	2.0	-1.2	6.7	6.8	7.9	8.6	8.2	8.4	10	0	0.0	0.6	0	0	0	0	0	0	1026.5	0.0	0.0	1.3		
12	7	32	02	02	97	11.5	80	15.6	5.2	2.4	7.8	7.8	8.5	8.9	8.3	8.4	10	0	tr	0.7	0	0	0	0	0	0	1029.0	0.0	0.0	2.3		
13	7	33	02	02	97	11.4	77	15.4	7.7	4.1	8.4	8.7	9.5	9.5	8.6	8.5	10	0	0.0	2.0	0	0	0	0	0	0	1027.0	0.0	0.0	1.4		
14	1	00	00	02	96	12.3	79	16.3	2.1	-0.5	6.6	7.2	8.9	9.5	8.7	8.6	10	0	0.0	7.2	0	0	0	0	0	0	1024.0	0.0	0.0	2.7		
15	8	14	02	02	95	10.6	80	15.0	4.4	0.2	8.0	8.2	9.3	9.7	9.0	8.7	10	0	0.0	0.8	0	0	0	0	0	0	1018.5	0.0	0.0	2.4		
16	7	16	02	02	97	13.8	69	19.4	5.6	1.9	8.4	8.6	9.1	9.6	9.0	8.9	10	0	0.0	9.2	0	0	0	0	0	0	1015.0	0.0	0.0	3.2		
17	8	18	02	02	97	11.8	80	16.5	7.7	4.8	9.9	9.7	10.3	10.2	9.3	9.0	10	0	7.1	8.4	0	0	0	0	0	0	1007.5	8.1	0.0	2.6		
18	8	17	05	60	96	10.0	93	10.4	6.8	5.6	9.2	9.3	10.2	9.5	9.5	9.0	10	0	13.7	0.0	0	0	0	0	0	0	981.5	9.5	0.0	0.2		
19	4	18	05	02	97	10.2	77	14.3	1.7	-1.1	6.6	7.1	8.7	9.6	9.4	9.1	10	0	tr	9.4	0	0	0	0	0	0	993.0	0.0	0.0	1.4		
20	1	32	02	02	96	9.7	84	13.5	0.8	-1.2	6.1	6.2	8.7	9.9	9.4	9.3	10	0	1.8	2.9	0	0	0	0	0	0	1005.5	3.4	0.0	1.2		
21	8	18	05	02	95	12.6	95	15.0	9.5	0.1	10.6	10.2	10.2	10.1	9.4	9.2	10	0	4.3	0.0	0	0	0	0	0	0	1008.5	2.6	0.0	0.9		
22	1	18	02	02	97	12.4	92	16.6	3.2	0.9	7.6	8.2	9.5	10.1	9.5	9.2	10	0	0.0	7.8	0	0	0	0	0	0	1018.5	0.0	0.0	1.3		
23	1	21	02	02	97	14.6	55	20.1	3.4	1.0	7.8	8.3	9.9	10.5	9.6	9.3	10	0	0.0	12.1	0	0	0	0	0	0	1023.0	0.0	0.0	2.5		
24	0	00	00	02	97	15.6	67	22.6	7.0	3.6	9.0	9.3	10.5	11.0	10.0	9.4	10	0	0.0	12.8	0	0	0	0	0	0	1029.5	0.0	0.0	2.4		
25	4	00	00	02	97	15.1	74	21.1	8.2	4.4	10.7	10.6	11.3	11.7	10.5	9.6	10	0	0.0	8.2	0	0	0	0	0	0	1029.5	0.0	0.0	2.2		
26	0	14	02	02	97	16.0	60	22.0	7.0	3.9	10.4	10.9	12.0	12.1	10.8	9.9	10	0	0.0	10.5	0	0	0	0	0	0	1024.0	0.0	0.0	2.8		
27	8	36	05	02	97	12.2	86	17.4	11.2	2.5	12.2	12.3	12.9	12.6	11.3	10.1	10	0	13.0	1.6	0	0	0	1	0	0	1016.5	5.1	0.0	1.5		
28	8	36	09	02	97	11.2	94	12.7	10.2	7.9	11.6	11.7	12.5	12.4	11.4	10.2	10	0	0.5	0.0	0	0	0	1	0	0	1010.5	0.4	0.0	0.7		
29	8	36	13	02	96	6.8	86	9.1	6.8	6.5	9.9	10.6	11.5	11.9	11.1	10.4	10	0	3.4	0.0	0	0	0	0	0	0	1006.5	4.5	0.0	0.6		
30	8	03	09	21	96	9.1	92	11.6	6.8	5.9	9.5	10.0	10.6	11.0	10.8	10.5	10	0	4.4	0.0	0	0	0	0	0	0	1005.0	4.8	0.0	0.6		
Monthly means						11.0	80	15.1	5.9	2.1	8.4	8.6	9.6	9.9	9.3	9.0												1015.1				
Monthly totals																					69.1	142.1						57.1	0.0	48.9		
Highest values						16.0		22.6	11.2	7.9	12.2	12.3	12.9	12.6	11.4	10.5				13.7	12.8							9.5	0.0	3.2		
Lowest values						6.8	55	9.1	0.8	-2.5	5.5	5.7	7.4	8.2	7.9	7.8																
1971-2000 monthly climatological averages						7.7	13.7	4.9	2.0	7.5	7.9	8.6	9.0	8.5	8.3						47.2	143.1							1015.4	50.4	6.6	44.2

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
3 cloud increasing
21 recent rain
60 intermittent slight 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 (X1 slight snow, 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>