

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR MAY 2004

DD	N	dd	ff	ww	VV	0900GMT Temp	RH	Temperature Max	Min	Gmin	Soil temperatures (depth in cm)						E	SS	Rain	Sun	S	L	H	T	G	F	Press	Rain hrs	Fr. hrs	Pch Evap			
01	8	05	05	60	96	10.5	94	12.6	8.3	7.1	10.4	10.1	10.6	10.9	10.5	10.4	10	0	0.0	0.0	0	0	0	0	0	0	1008.5	0.0	0.0	0.2	Number of		
02	7	04	02	02	96	13.4	82	20.4	7.5	4.9	10.9	10.4	10.7	10.9	10.3	10.3	10	0	0.5	8.8	0	0	0	0	0	0	1012.5	1.0	0.0	2.0	days with		
03	8	27	02	60	96	10.9	94	14.1	9.4	6.2	11.7	11.7	12.2	12.0	10.8	10.3	10	0	12.3	4.5	0	0	0	0	0	0	1005.0	8.3	0.0	0.7	2004 normal		
04	8	18	02	61	97	9.3	97	11.1	6.5	3.5	9.4	9.8	10.8	11.4	10.8	10.4	10	0	8.3	2.7	0	0	0	0	0	0	985.5	3.0	0.0	0.4	Snow/sleet falling		
05	1	22	02	02	97	9.8	84	14.1	4.7	0.8	8.4	8.7	10.0	11.0	10.6	10.5	10	0	2.4	5.5	0	0	0	0	0	0	982.0	1.4	0.0	1.0	0 0.1		
06	7	18	05	02	97	11.1	83	14.6	5.5	1.7	9.4	9.4	10.5	11.0	10.5	10.4	10	0	0.0	1.5	0	0	0	0	0	0	996.0	0.0	0.0	1.2	50% snow cover 09GM		
07	7	27	05	02	97	13.3	67	17.1	6.3	3.0	9.3	9.7	10.7	11.1	10.5	10.4	10	0	1.1	6.3	0	0	0	0	0	0	1005.5	2.2	0.0	2.5	0 0.0		
08	8	18	09	61	96	10.4	93	11.9	9.8	7.8	11.0	11.1	11.6	11.7	10.7	10.4	10	0	1.0	0.0	0	0	0	0	0	0	1005.5	2.2	0.0	0.5	Hail or ice pellets		
09	8	32	05	02	96	11.9	94	15.9	10.8	8.2	11.6	11.5	11.5	11.5	10.7	10.5	10	0	0.5	0.9	0	0	0	0	0	0	1010.0	0.6	0.0	0.7	0 0.5		
10	8	36	02	02	97	14.3	86	21.4	11.9	10.2	12.4	12.4	12.3	11.9	10.9	10.5	10	0	tr	5.4	0	0	0	0	0	0	1015.0	0.0	0.0	1.5	Thunder		
11	6	04	05	01	96	15.2	79	15.4	9.8	6.4	12.1	12.2	12.6	12.4	11.2	10.6	10	0	0.0	2.6	0	0	0	0	0	0	1012.1	0.0	0.0	1.1	0 1.9		
12	8	36	09	02	97	9.8	86	13.6	9.3	8.0	11.7	12.1	12.9	12.8	11.7	10.8	10	0	0.0	0.1	0	0	0	0	0	0	1025.5	0.0	0.0	1.1	Gale		
13	7	33	02	02	97	13.5	54	19.4	7.2	3.9	11.2	11.2	12.0	12.2	11.7	10.9	10	0	0.0	6.8	0	0	0	0	0	0	1025.5	0.0	0.0	1.9	0 0.0		
14	1	22	02	02	96	16.4	68	20.7	8.6	5.1	11.7	11.9	12.8	12.8	11.7	11.0	10	0	0.0	10.6	0	0	0	0	0	0	1027.0	0.0	0.0	1.8	Fog at 09GMT		
15	7	23	02	02	97	18.0	66	22.2	9.2	6.0	12.9	12.8	13.2	13.2	12.1	11.1	10	0	0.0	11.7	0	0	0	0	0	0	1031.5	0.0	0.0	2.0	0 0.0		
16	7	22	02	02	97	20.5	62	23.4	10.0	6.4	14.9	13.9	14.9	13.6	12.7	11.4	10	0	0.0	9.8	0	0	0	0	0	0	1032.5	0.0	0.0	2.5	Air frost		
17	0	18	02	02	97	20.5	57	24.1	8.6	5.5	12.7	13.1	14.3	14.2	13.0	11.6	00	0	0.0	11.0	0	0	0	0	0	0	1028.0	0.0	0.0	2.6	0 0.1		
18	1	04	02	02	97	20.0	56	24.0	10.8	6.4	14.0	14.4	15.5	15.0	13.5	11.8	00	0	0.0	14.8	0	0	0	0	0	0	1027.0	0.0	0.0	2.3	Ground frost		
19	0	36	02	02	97	20.1	58	24.9	9.9	6.8	13.8	14.4	15.6	15.6	14.0	12.1	00	0	0.0	14.5	0	0	0	0	0	0	1026.0	0.0	0.0	2.9	0 2.2		
20	7	35	02	03	97	20.0	57	23.2	14.7	9.9	16.1	16.2	16.7	16.4	14.5	12.4	00	0	3.8	6.3	0	0	0	0	0	0	1023.0	1.1	0.0	1.9	0.2mm precipitation		
21	8	32	05	02	97	12.3	71	16.6	8.8	7.2	13.6	14.4	15.9	16.1	14.8	12.6	10	0	0.3	6.1	0	0	0	0	0	0	1024.0	0.2	0.0	2.1	13 12.2		
22	1	35	02	02	97	13.0	56	17.0	5.0	2.2	12.2	12.2	13.6	15.0	14.5	12.9	10	0	0.0	14.9	0	0	0	0	0	0	1031.5	0.0	0.0	2.6	1.0mm precipitation		
23	0	00	00	02	97	17.1	61	19.7	4.3	1.6	11.1	11.5	13.5	14.5	14.2	12.9	00	0	0.0	11.0	0	0	0	0	0	0	1033.0	0.0	0.0	2.6	9 8.8		
24	0	18	02	02	97	18.0	50	21.7	6.2	3.6	12.1	12.8	14.4	15.0	14.2	12.9	00	0	0.0	9.0	0	0	0	0	0	0	1029.5	0.0	0.0	2.9	5.0mm precipitation		
25	7	04	02	03	97	17.5	71	21.0	9.1	6.2	14.0	14.4	15.5	15.5	14.5	13.0	00	0	0.0	6.0	0	0	0	0	0	0	1025.0	0.0	0.0	2.6	3 2.9		
26	7	03	05	02	97	15.0	81	19.4	11.0	9.5	14.4	15.0	15.9	15.5	14.5	13.0	00	0	2.1	4.2	0	0	0	0	0	0	1023.5	1.5	0.0	1.9	No sunshine		
27	7	09	05	02	97	14.2	84	18.7	10.0	8.5	13.4	13.9	15.1	15.5	14.4	13.1	10	0	0.0	6.3	0	0	0	0	0	0	1026.5	0.0	0.0	2.4	2 2.8		
28	7	18	05	02	97	14.2	73	20.4	8.1	4.4	13.0	13.2	15.4	15.0	14.3	13.1	00	0	tr	4.9	0	0	0	0	0	0	1026.5	0.0	0.0	3.7	A warmer and		
29	8	20	05	02	97	17.0	80	20.9	13.4	11.7	15.0	15.5	15.6	15.3	14.4	13.1	00	0	0.2	0.3	0	0	0	0	0	0	1023.0	0.2	0.0	1.4	average May, and		
30	7	27	05	02	97	17.6	68	19.6	11.1	9.0	14.3	14.6	15.4	15.2	14.3	13.1	00	0	1.4	4.0	0	0	0	0	0	0	1021.5	0.9	0.0	2.1	slightly drier than		
31	0	00	00	02	06	18.7	65	21.7	7.6	4.0	14.0	14.3	14.9	15.1	14.4	13.1	10	0	11.4	10.0	0	0	0	0	0	0	1020.5	8.1	0.0	1.1	usual. Very little rain		
Monthly means						15.0	73	18.7	8.8	6.0	12.3	12.5	13.4	13.5	12.6	11.6											1018.3				from the 9th to 29th.		
Monthly totals																				45.3	200.5							30.7	0.0	56.2	Exceptionally low		
Highest values																																pressure occurred on	
Lowest values						20.5		24.9	14.7	11.7	16.1	16.2	16.7	16.4	14.8	13.1													8.3	0.0	3.7	the 4th and 5th for the	
1971-2000 monthly climatological averages						9.3	50	11.1	4.3	0.8	8.4	8.7	10.0	10.9	10.3	10.3																	time of year.
						73	17.4	8.0	5.6	11.0	11.2	12.4	12.4	11.5	10.5					50.9	187.6							1015.9	37.2	0.1	69.1		

PTO

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 60 intermttent slight rain
2 sky not changing 61 continuous slight rain
3 cloud increasing
25 recent rain shower

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>