

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR JANUARY 2004

DD	N	dd	ff	ww	VV	0900GMT Temp	RH	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	7	14	05	02	97	5.2	97	7.7	1.7	-0.5	4.4	3.9	4.5	5.4	5.7	7.4	10	0	2.5	0.0	0	0	0	0	0	0	1008.5	7.5	0.0	0.6	Number of days with 2004 normal Snow/sleet falling 1 2.9 50% snow cover 09GM 1 1.7 Hail or ice pellets 0 0.4 Thunder 1 0.4 Gale 0 0.6 Fog at 09GMT 0 2.6 Air frost 8 10.2 Ground frost 23 17.4 0.2mm precipitation 22 15.5 1.0mm precipitation 18 11.2 5.0mm precipitation 7 4.7 No sunshine 15 13.4 Warmer, wetter and sunnier than average. Air frosts were less frequent than usual, and the only snowfall of note occurred on the 28th (accompanied by thunder). The lowest minimum temperature was unusually high.	
02	8	36	02	50	94	5.1	93	5.1	4.0	3.0	4.7	4.8	5.4	5.7	7.2	10	0	tr	0.0	0	0	0	0	0	0	1020.0	0.0	0.0	0.5			
03	6	16	02	02	96	-0.2	89	5.7	-2.3	-5.5	1.9	2.2	3.8	5.4	5.7	7.2	10	0	1.0	0.0	0	0	0	0	0	1026.5	2.0	7.5	0.6			
04	7	22	02	02	97	5.7	95	8.2	-0.5	-2.9	4.4	4.2	4.5	5.1	5.5	7.1	10	0	0.4	0.0	0	0	0	0	0	1023.0	0.5	0.0	0.6			
05	8	22	02	60	96	6.6	95	10.9	3.0	-2.8	5.3	4.4	4.9	5.6	5.7	7.1	10	0	2.3	0.0	0	0	0	0	0	1020.0	2.2	0.0	0.5			
06	8	21	05	60	96	10.7	94	11.4	5.8	3.6	6.6	7.6	6.5	6.0	5.7	7.0	10	0	0.0	2.7	0	0	0	0	0	1015.0	0.0	0.0	0.7			
07	8	24	05	02	97	10.0	87	10.6	5.3	-1.1	6.3	6.2	6.7	6.4	6.3	7.2	10	0	9.3	2.9	0	0	0	0	0	1016.5	4.8	0.0	1.0			
08	8	14	13	63	95	9.8	87	11.8	7.8	5.8	7.7	7.7	7.5	6.9	6.6	7.2	10	0	3.1	2.1	0	0	0	0	0	991.5	2.9	0.0	0.7			
09	6	22	05	02	97	5.2	92	9.4	4.3	-1.3	3.8	3.3	6.0	6.8	6.8	7.1	10	0	1.2	2.4	0	0	0	0	0	1004.0	2.1	0.0	0.3			
10	8	16	02	21	95	7.6	97	12.0	3.3	-2.1	5.5	5.0	5.5	6.3	6.5	7.5	10	0	7.7	0.0	0	0	0	0	0	1013.0	5.2	0.0	1.5			
11	8	25	09	21	97	10.1	78	11.0	7.3	5.5	8.8	8.3	8.0	7.1	6.7	7.5	10	0	6.4	0.0	0	0	0	0	0	1002.0	4.7	0.0	1.1			
12	8	18	05	61	95	6.6	94	10.5	3.8	-1.6	4.9	5.1	5.2	7.0	6.7	7.6	20	0	8.8	2.0	0	0	0	0	0	995.0	5.0	0.0	1.2			
13	6	25	19	02	97	9.5	76	9.5	5.0	-0.3	6.8	6.1	7.4	7.0	6.6	7.5	10	0	2.2	2.8	0	0	0	0	0	988.5	1.8	0.0	1.2			
14	8	22	05	02	96	5.1	95	6.8	3.3	-1.8	4.4	4.4	5.4	6.4	6.3	7.6	10	0	1.5	0.0	0	0	0	0	0	996.5	0.8	0.0	0.7			
15	0	27	02	02	97	1.3	95	8.5	0.4	-4.9	2.2	2.7	4.5	6.0	6.4	7.5	10	0	5.7	2.7	0	0	0	0	0	1009.5	3.7	0.0	0.9			
16	7	22	13	02	97	7.2	71	8.2	1.3	-5.0	4.9	5.0	5.6	6.0	6.1	7.5	10	0	0.0	5.7	0	0	0	0	0	994.0	0.0	0.0	1.0			
17	2	27	02	02	97	-0.8	97	6.3	-1.3	-6.1	1.7	2.3	4.3	5.9	6.0	7.4	40	0	tr	6.2	0	0	0	0	0	1003.0	0.0	7.0	1.2			
18	1	28	02	02	97	1.2	88	7.9	-0.8	-6.5	1.6	1.7	3.6	5.2	5.6	7.3	40	0	0.0	6.4	0	0	0	0	0	1030.0	0.0	0.0	0.9			
19	8	22	02	02	97	7.9	93	10.5	1.2	-5.2	4.6	4.0	4.4	5.0	5.5	7.1	10	0	0.5	0.0	0	0	0	0	0	1020.0	0.3	0.0	1.0			
20	8	27	05	02	97	9.6	88	9.9	7.9	3.2	6.2	6.2	6.0	5.9	5.7	7.0	10	0	2.3	0.0	0	0	0	0	0	1017.0	9.1	0.0	0.6			
21	7	27	09	02	97	8.5	86	9.5	7.9	3.5	6.2	6.6	6.9	6.6	6.2	6.9	10	0	0.0	0.2	0	0	0	0	0	1021.5	0.0	0.0	1.0			
22	8	26	09	02	97	7.3	94	8.3	6.5	3.9	6.2	6.1	6.6	7.1	6.5	7.1	10	0	5.8	0.0	0	0	0	0	0	1018.0	4.4	0.0	0.2			
23	8	26	02	02	95	7.4	97	8.4	6.8	1.2	6.2	6.5	7.0	7.0	6.8	7.3	10	0	4.1	0.0	0	0	0	0	0	1017.5	4.2	0.0	0.4			
24	0	33	05	02	97	5.1	88	9.5	4.1	-1.4	5.0	5.5	6.5	7.0	6.7	7.4	10	0	0.7	6.9	0	0	0	0	0	1018.0	0.2	0.0	0.8			
25	0	27	05	02	97	0.5	98	6.9	-1.2	-6.1	2.2	2.7	4.7	6.4	6.6	7.4	10	0	0.0	5.1	0	0	0	0	0	1019.0	0.0	6.2	0.8			
26	8	06	05	02	96	3.4	93	5.4	0.5	-4.8	3.6	3.4	4.5	5.7	6.5	7.2	10	0	tr	0.0	0	0	0	0	0	1005.5	0.0	0.0	0.8			
27	8	36	05	02	97	3.0	85	4.9	2.6	-1.0	3.4	3.4	4.4	5.5	5.9	7.1	10	0	0.3	3.7	0	0	0	0	0	1011.5	0.6	0.0	1.3			
28	1	31	09	02	97	0.2	76	5.7	-0.2	-4.2	1.6	2.1	3.6	5.1	5.5	7.1	40	0	3.8	3.3	5	0	0	1	0	1010.0	1.5	7.4	0.3			
29	0	29	02	02	97	-1.2	82	4.5	-2.3	-5.6	1.5	1.6	3.5	4.8	5.2	7.1	X3	1	0.0	7.8	0	1	0	0	0	1013.0	0.0	14.2	1.2			
30	7	27	02	02	97	1.3	92	10.5	-1.2	-7.1	0.8	1.2	2.4	4.0	4.7	6.8	X1	1	7.6	0.0	0	0	0	0	0	1012.5	8.0	4.4	0.9			
31	8	22	19	61	06	10.5	93	12.1	1.3	-1.7	7.0	6.0	4.9	4.6	4.7	6.5	10	0	2.4	0.0	0	0	0	0	0	993.0	5.5	0.0	1.2			
Monthly means						5.5	90	8.6	2.8	-1.6	4.5	4.5	5.3	6.0	6.0	7.2											1010.7					
Monthly totals																			79.6	62.9								77.0	46.7	25.7		
Highest values						10.7		12.1	7.9	5.8	8.8	8.3	8.0	7.1	6.8	7.6			9.3	7.8								9.1	14.2	1.5		
Lowest values						-1.2	71	4.5	-2.3	-7.1	0.8	1.2	2.4	4.0	4.7	6.5																
1971-2000 monthly climatological averages						89	7.5	1.6	-0.7	3.5	3.7	4.5	5.1	5.4	6.6			60.4	49.0									1016.1	62.5	91.6	23.4	

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 50 intermittent slight drizzle

3 cloud increasing 60 intermittent slight rain

20 recent drizzle 61 continuous slight rain

21 recent rain 63 continuous moderate rain

41 fog patches

44,45 fog

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 and X3 snow, 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.rdg.a.uk/~brugge>