

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR JANUARY 2010

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	0	02	05	02	97	-0.5	89	2.2	-0.7	-2.6	1.2	1.6	3.0	4.3	4.7	6.5	40	0	tr	7.0	0	0	0	0	0	0	1006.5	0.0	3.7	1.2	Number of days with 2010 normal Snow/sleet falling 10 2.9 50% snow cover 09GMT 10 1.7 Hail or ice pellets 0 0.4 Thunder 0 0.4 Gale 0 0.6 Fog at 09GMT 2 2.6 Air frost 14 10.2 Ground frost 19 17.4 0.2mm precipitation 17 15.5 1.0mm precipitation 12 11.2 5.0mm precipitation 4 4.7 No sunshine 13 13.4 The coldest January since 1987 (which was 0.5C colder) and a snowy month. The month had the most January days with snowfall since 1985 and with snow lying since 1982. The 16cm snow depth at 0900GMT on the 7th was the greatest on record for the past 21 years for any month.	
02	0	27	02	02	97	-0.4	95	4.4	-2.4	-4.6	1.1	1.2	2.8	3.6	4.2	6.4	X5	<1	0.0	6.4	5	0	0	0	0	1016.5	0.0	10.0	0.4			
03	0	07	02	02	97	0.0	88	3.0	-0.7	-3.5	1.1	1.1	2.7	3.5	4.1	6.3	40	0	0.0	5.4	0	0	0	0	0	1024.0	0.0	2.8	0.0			
04	0	27	02	41	08	-5.0	95	0.0	-6.0	-7.1	0.3	0.6	1.9	3.1	4.1	6.2	40	0	0.0	6.7	0	0	0	0	0	1022.0	0.0	23.5	0.0			
05	7	23	02	02	97	-3.0	97	1.5	-5.0	-6.9	0.1	0.1	2.0	2.8	3.9	6.1	40	0	14.6	0.0	5	0	0	0	0	1008.0	8.7	13.6	0.0			
06	8	11	02	70	95	0.7	98	0.9	-3.0	-4.1	-0.1	0.0	2.0	2.6	3.5	5.9	X3	14	2.4	0.0	5	1	0	0	0	1003.0	3.0	6.3	0.0			
07	7	32	02	03	97	-4.3	93	-0.5	-5.9	-6.5	0.0	0.5	1.1	2.6	3.5	5.7	X3	16	0.0	2.6	0	1	0	0	0	1013.0	0.0	24.0	0.0			
08	2	36	02	02	97	-1.9	98	0.4	-4.3	-8.2	-0.1	0.5	1.5	2.5	3.4	5.6	X3	14	0.4	0.6	5	1	0	0	0	1023.5	0.5	20.7	0.0			
09	1	04	02	02	97	-2.4	98	1.8	-3.5	-6.6	0.5	0.5	1.5	2.5	3.3	5.4	X3	14	tr	3.9	0	1	0	0	0	1026.0	0.0	11.5	0.0			
10	8	36	02	22	97	1.8	89	2.3	-2.5	-6.0	0.5	0.6	1.4	2.5	3.1	5.3	X3	13	1.2	0.0	5	1	0	0	0	1020.0	2.5	0.0	0.0			
11	8	09	02	02	94	0.8	94	1.5	0.5	0.1	0.5	0.6	1.7	2.4	3.1	5.2	X3	9	0.0	0.0	5	1	0	0	0	1020.0	0.0	0.0	0.0			
12	8	12	02	02	95	1.5	94	2.0	0.7	-0.2	0.6	0.6	1.9	2.5	3.1	5.1	X3	8	3.7	0.0	5	1	0	0	0	1013.0	5.0	0.0	0.6			
13	8	09	05	71	08	0.0	98	2.5	0.0	0.0	0.6	0.7	2.0	2.5	3.0	5.0	X3	12	2.9	0.0	5	1	0	0	0	1003.0	3.2	0.0	0.1			
14	8	09	02	60	94	2.5	98	3.5	0.0	-0.4	0.6	0.6	1.9	2.5	2.9	5.0	X3	9	0.3	0.0	0	1	0	0	0	1005.0	0.5	0.0	0.0			
15	8	14	02	02	94	1.5	98	5.5	0.7	0.0	0.6	0.8	1.9	2.5	3.0	4.9	X3	5	3.7	0.0	0	1	0	0	0	1019.0	3.8	0.0	0.5			
16	8	13	05	61	95	5.1	95	7.2	1.5	0.1	3.3	2.6	3.0	2.9	3.3	4.9	X1	<1	4.9	0.0	0	0	0	0	0	1008.0	4.3	0.0	0.4			
17	6	27	02	02	97	1.6	96	8.5	0.4	-2.5	2.2	2.2	3.1	3.6	3.5	4.9	40	0	0.1	6.7	0	0	0	0	0	1017.5	0.1	0.0	0.9			
18	8	00	00	44	05	3.9	99	6.9	-0.7	-2.8	2.3	1.9	2.9	3.5	3.6	5.0	10	0	tr	0.2	0	0	0	0	0	1026.0	0.0	2.8	0.3			
19	8	14	02	02	94	5.2	97	7.2	3.9	0.9	3.3	3.3	3.1	3.8	3.6	5.1	10	0	3.6	0.2	0	0	0	0	0	1023.0	1.5	0.0	0.6			
20	8	13	02	61	95	1.7	95	2.5	1.7	2.5	3.3	3.6	4.2	3.4	4.0	5.1	X1	<1	5.6	0.0	5	0	0	0	0	1011.0	9.2	0.0	0.1			
21	8	14	02	02	94	2.5	98	7.9	1.7	0.5	3.2	2.9	3.5	4.0	4.3	5.3	10	0	2.9	2.1	0	0	0	0	0	1021.0	7.3	0.0	0.6			
22	8	15	05	21	95	7.9	99	8.5	2.5	1.4	5.1	4.5	4.2	4.2	4.3	5.3	10	0	6.6	0.0	0	0	0	0	0	1017.0	11.0	0.0	0.1			
23	8	32	05	02	97	5.5	92	6.2	5.2	3.2	5.0	4.9	5.5	5.0	4.6	5.4	10	0	0.0	0.5	0	0	0	0	0	1021.0	0.0	0.0	0.4			
24	7	23	02	02	96	3.5	95	6.0	1.9	-0.5	3.9	3.9	4.4	5.0	4.8	5.5	10	0	0.6	0.0	0	0	0	0	0	1024.5	2.0	0.0	0.3			
25	8	03	02	02	96	4.1	95	4.8	3.5	0.5	3.6	3.9	4.5	4.9	4.6	5.6	10	0	0.5	0.1	0	0	0	0	0	1030.0	0.4	0.0	0.8			
26	8	36	05	02	97	1.6	83	2.7	1.6	1.5	2.7	3.0	4.1	4.8	4.6	5.6	10	0	0.0	1.9	0	0	0	0	0	1040.5	0.0	2.5	0.7			
27	8	32	02	03	96	0.3	96	6.5	-2.3	-4.2	1.1	1.6	3.4	4.0	4.5	5.6	40	0	0.6	0.0	0	0	0	0	0	1036.0	1.0	8.8	0.6			
28	7	32	05	02	96	4.8	87	7.6	0.3	-0.2	3.4	3.1	4.2	4.1	4.3	5.6	10	0	8.2	0.6	0	0	0	0	0	1018.0	8.2	0.0	0.7			
29	8	36	05	61	96	5.0	95	5.8	4.8	3.2	3.9	3.9	4.4	4.6	4.4	5.6	20	0	0.1	2.6	5	0	0	0	0	993.0	0.3	2.5	0.9			
30	0	32	02	02	97	-0.5	89	3.6	-1.5	-4.0	1.1	1.2	3.0	4.1	4.4	5.6	X1	<1	0.0	7.2	0	0	0	0	0	1001.5	0.0	14.2	1.0			
31	7	22	05	03	06	-0.5	84	3.9	-3.7	-5.6	0.8	1.0	2.2	3.6	4.0	5.5	40	0	tr	1.5	0	0	0	0	0	1007.5	0.0	11.5	1.0			
Monthly means						1.4	94	4.1	-0.4	-2.0	1.8	1.9	2.9	3.5	3.9	5.5												1016.7				
Monthly totals																					62.9	56.2							72.5	158.4	12.2	
Highest values						7.9		8.5	5.2	3.2	5.1	4.9	5.5	5.0	4.8	6.5				14.6	7.2							11.0	24.0	1.2		
Lowest values						-5.0	83	-0.5	-6.0	-8.2	-0.1	0.0	1.1	2.4	2.9	4.9																
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
 1 cloud decreasing 50 intermittent slight drizzle
 2 sky not changing 60 intermittent slight rain
 3 cloud increasing 61 continuous slight rain
 5 haze 63 continuous moderate rain
 10 mist 80 slight rain shower
 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 (X1, X2 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

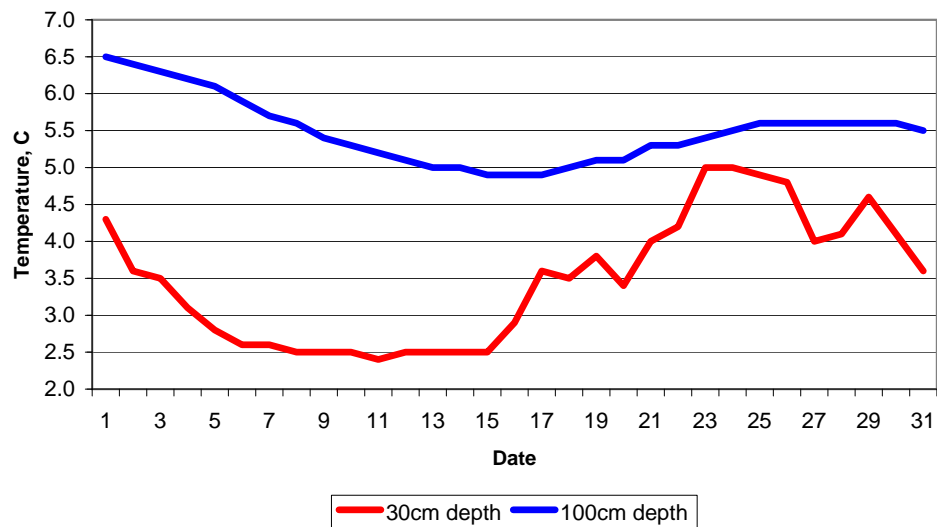
Days with

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

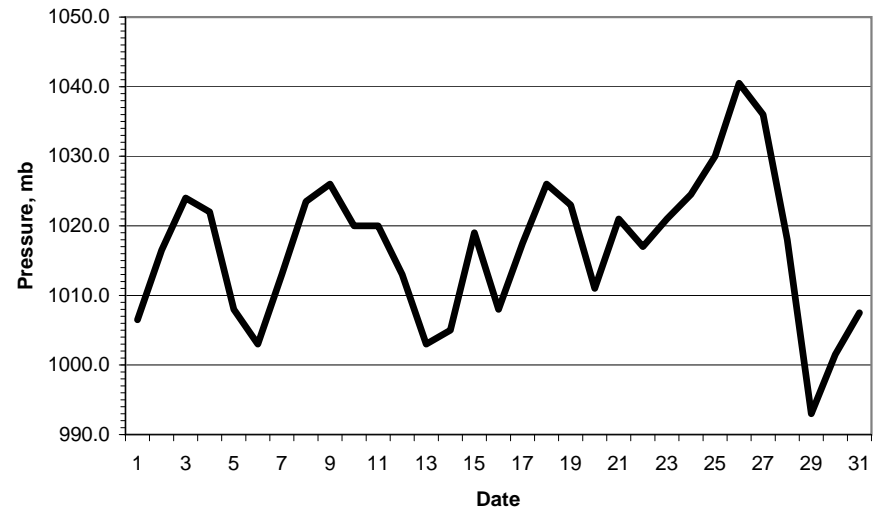
This information (and data for earlier months) is also available at

<http://www.met.rdg.ac.uk/~brugge>

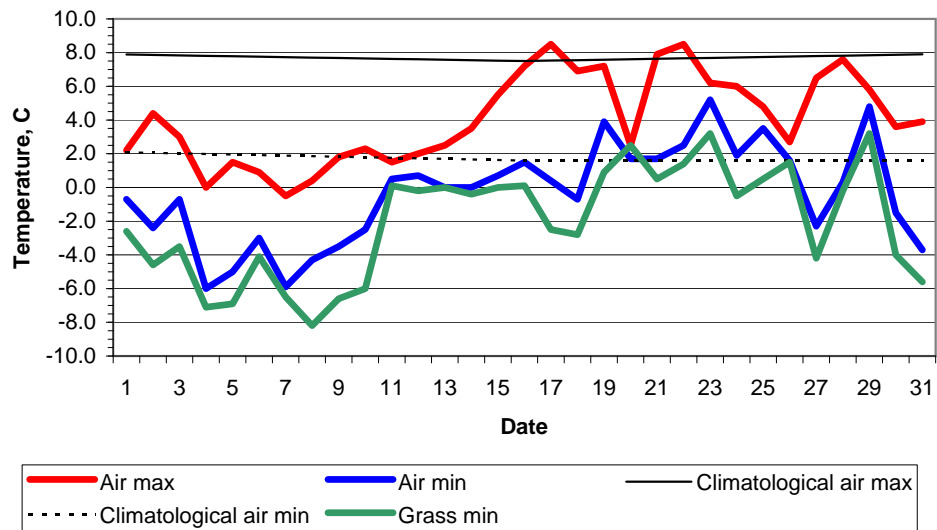
Daily soil temperatures, 0700GMT



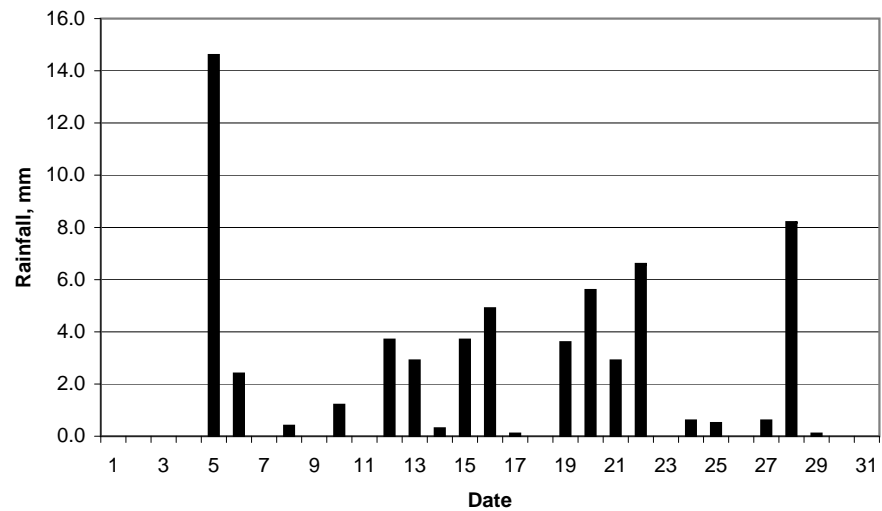
Mean sea level pressure, 0900GMT



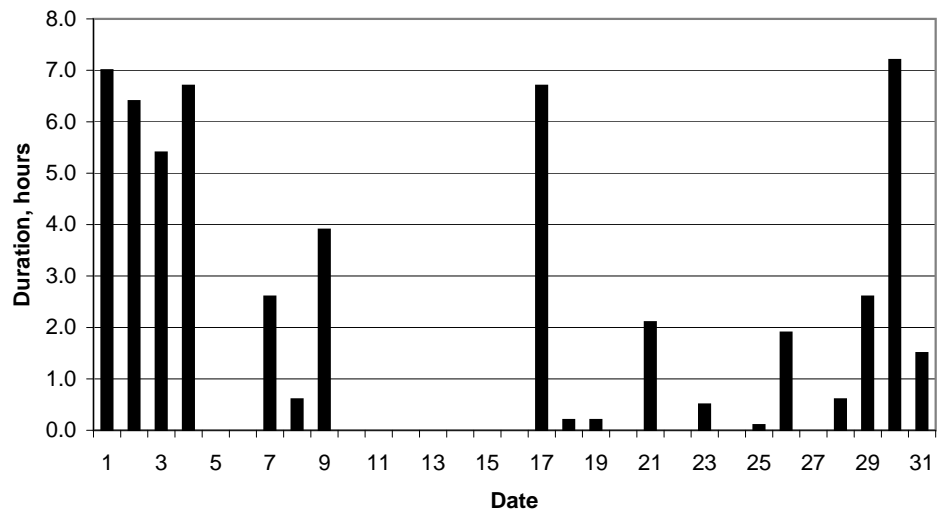
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

