

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR JANUARY 2008

						0900GMT		Temperature			Soil temperatures (depth in cm)																	Rain	Fr.	Pch			
DD	N	dd	ff	ww	VV	Temp	RH	Max	Min	Gmin	5	10	20	30	50	100	E	SS	Rain	Sun	S	L	H	T	G	F	Press	hrs	hrs	Evap			
01	8	18	02	21	96	7.4	98	9.2	6.4	5.0	6.7	6.4	6.5	6.8	6.9	7.6	10	0	0.1	0.1	0	0	0	0	0	0	1024.5	0.1	0.0	0.1	Number of		
02	8	09	09	02	97	5.6	88	5.7	5.6	4.1	6.4	6.2	6.5	6.9	7.1	7.6	10	0	0.0	1.6	0	0	0	0	0	0	1018.0	0.0	0.0	1.5	days with		
03	8	11	09	02	97	1.9	72	4.4	1.3	-0.3	3.0	3.2	4.5	6.1	6.7	7.7	10	0	0.3	0.0	1	0	0	0	0	0	1004.5	1.6	0.0	0.6	2008 normal		
04	8	16	02	02	94	4.4	96	8.6	1.9	1.0	3.9	4.3	4.9	5.9	6.2	7.6	10	0	5.9	0.0	0	0	0	0	0	0	1005.0	4.0	0.0	0.4	Snow/sleet falling		
05	4	22	05	10	97	6.0	86	7.9	4.4	2.0	4.9	4.9	5.5	6.0	6.2	7.4	10	0	tr	1.8	0	0	0	0	0	0	999.5	0.0	0.0	0.7	1 2.9		
06	1	31	02	02	97	0.7	93	9.2	-1.3	-4.3	2.3	2.7	4.1	5.6	6.1	7.4	40	0	0.5	5.2	0	0	0	0	0	0	1012.5	0.2	4.0	1.3	50% snow cover 09GMT		
07	7	22	19	02	97	8.3	54	9.4	0.7	-2.3	4.6	4.4	5.1	5.5	6.1	7.4	10	0	2.2	4.7	0	0	0	0	0	0	1010.0	1.6	0.0	1.8	0 1.7		
08	8	22	09	03	97	8.3	89	10.7	3.3	-0.6	3.9	3.9	4.6	5.5	5.8	7.2	10	0	2.8	0.7	0	0	0	0	0	0	1015.0	1.2	0.0	0.8	Hail or ice pellets		
09	5	22	05	01	97	5.1	86	10.3	4.6	1.1	4.5	5.3	5.6	5.9	6.1	7.2	10	0	1.1	4.3	0	0	0	0	0	0	1010.5	1.0	0.0	1.4	1 0.4		
10	7	23	13	02	97	10.3	75	11.3	5.1	0.9	6.1	6.1	5.6	6.0	6.2	7.2	10	0	9.9	0.0	0	0	0	0	0	0	1005.0	6.2	0.0	0.5	Thunder		
11	8	09	02	63	95	8.1	87	9.4	4.3	0.1	5.7	5.7	6.0	6.5	6.3	7.2	10	0	15.4	0.0	0	0	0	0	0	0	994.5	9.0	0.0	1.0	1 0.4		
12	0	27	05	02	97	1.2	96	10.6	0.8	-0.6	3.8	3.8	5.5	6.4	6.5	7.3	10	0	2.0	6.2	0	0	0	0	0	0	1009.0	3.6	0.0	1.2	Gale		
13	8	23	13	02	97	10.6	81	10.9	1.2	-0.6	7.2	7.2	6.2	6.4	6.3	7.4	10	0	7.5	0.0	0	0	0	0	0	0	1007.0	7.0	0.0	1.1	0 0.6		
14	8	18	05	02	95	8.9	93	10.9	7.1	4.6	7.1	7.1	6.5	6.9	6.7	7.5	20	0	8.6	3.1	0	0	0	1	0	0	997.0	9.5	0.0	1.0	Fog at 09GMT		
15	8	23	19	61	95	10.4	90	11.8	7.3	4.1	7.2	7.2	6.8	7.0	6.8	7.4	20	0	6.0	0.0	0	0	0	0	0	0	985.0	6.0	0.0	0.7	0 2.6		
16	3	22	05	02	97	2.6	93	9.4	2.3	0.6	5.4	5.4	6.6	7.2	7.1	7.5	10	0	0.0	5.7	0	0	0	0	0	0	991.5	0.0	0.0	0.3	Air frost		
17	8	15	02	03	97	5.9	96	12.0	-0.1	-1.9	3.9	3.9	4.9	6.5	6.9	7.6	10	0	7.6	0.9	0	0	5	0	0	0	1002.5	2.4	0.2	1.1	2 10.2		
18	8	27	02	61	95	7.9	96	13.0	5.9	0.2	5.3	5.3	6.0	6.5	6.9	7.5	10	0	4.2	0.0	0	0	0	0	0	0	1011.5	8.1	0.0	0.5	Ground frost		
19	8	23	09	61	96	12.7	91	13.2	7.9	6.0	8.9	8.9	7.5	7.4	7.0	7.5	10	0	2.8	0.0	0	0	0	0	0	0	1018.0	5.0	0.0	0.5	11 17.4		
20	8	22	13	02	97	13.2	89	13.5	12.3	10.5	10.0	9.4	9.0	8.5	8.0	7.8	10	0	0.1	0.0	0	0	0	0	0	0	1021.0	0.1	0.0	0.5	0.2mm precipitation		
21	7	23	13	02	97	11.7	77	12.5	11.2	9.0	9.4	9.4	9.0	8.7	8.5	7.9	10	0	2.7	0.0	0	0	0	0	0	0	1015.0	2.0	0.0	1.3	19 15.5		
22	6	30	02	02	97	12.5	94	12.5	1.7	0.3	6.1	6.7	8.0	8.5	8.5	8.1	10	0	0.0	5.6	0	0	0	0	0	0	1027.0	0.0	0.0	1.6	1.0mm precipitation		
23	7	22	05	02	97	10.0	80	12.2	2.5	0.5	7.8	7.5	7.6	8.0	8.2	8.2	10	0	0.5	0.0	0	0	0	0	0	0	1026.0	0.3	0.0	1.0	16 11.2		
24	8	23	09	21	97	10.5	78	11.2	10.0	6.5	8.4	8.8	8.5	8.5	8.5	8.2	10	0	0.0	3.4	0	0	0	0	0	0	1025.5	0.0	0.0	0.5	5.0mm precipitation		
25	8	22	13	02	97	6.2	74	10.2	1.8	-1.5	4.6	7.2	6.0	8.0	8.0	8.4	10	0	0.0	2.4	0	0	0	0	0	0	1037.5	0.0	0.0	1.2	7 4.7		
26	7	23	05	02	97	6.1	87	11.5	4.9	1.1	5.7	5.6	6.6	7.5	7.6	8.3	10	0	0.0	6.1	0	0	0	0	0	0	1036.5	0.0	0.0	1.0	No sunshine		
27	6	22	02	02	97	6.2	86	12.0	3.0	-1.4	5.1	5.3	6.1	7.2	7.5	8.2	10	0	0.1	7.8	0	0	0	0	0	0	1034.0	0.1	0.0	0.9	13 13.4		
28	8	25	02	50	04	4.8	98	7.4	1.4	-0.2	5.5	5.3	6.1	7.0	7.4	8.2	10	0	tr	0.0	0	0	0	0	0	0	1036.0	0.0	0.0	0.3	A warm, wet and sunny		
29	6	23	02	02	96	4.1	95	11.4	1.7	-0.1	4.6	5.0	6.2	7.0	7.3	8.2	10	0	3.5	2.8	0	0	0	0	0	0	1030.0	4.5	0.0	1.3	month. Only two air		
30	8	32	02	02	97	3.7	81	9.1	3.7	1.1	5.8	5.9	6.8	7.1	7.0	8.0	10	0	0.0	6.7	0	0	0	0	0	0	1029.5	0.0	0.0	1.8	frosts, lasting for little		
31	8	25	19	03	06	8.9	79	9.0	3.5	1.0	5.6	5.9	6.1	6.8	7.2	8.0	10	0	4.2	0.0	0	0	0	0	0	0	1007.5	4.0	0.0	1.0	more than 4 hours. In the		
Monthly means						7.2	86	10.3	4.1	1.5	5.8	5.9	6.3	6.9	7.0	7.7											1014.4				last 50 years only		
Monthly totals																													77.5	4.2	28.9	January 2007 has been	
Highest values						13.2		13.5	12.3	10.5	10.0	9.4	9.0	8.7	8.5	8.4											15.4	7.8	9.5	4.0	1.8	temperature on the 20th	
Lowest values						0.7	54	4.4	-1.3	-4.3	2.3	2.7	4.1	5.5	5.8	7.2														was the highest for over			
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	50 years in January. It	
																													was the wettest January				
																													since 1999.				

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

2 sky not changing

3 cloud increasing

5 haze

10 mist

21 recent rain

50 intermittent slight drizzle

60 intermittent slight rain

61 continuous slight rain

63 continuous moderate rain

80 slight 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 (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

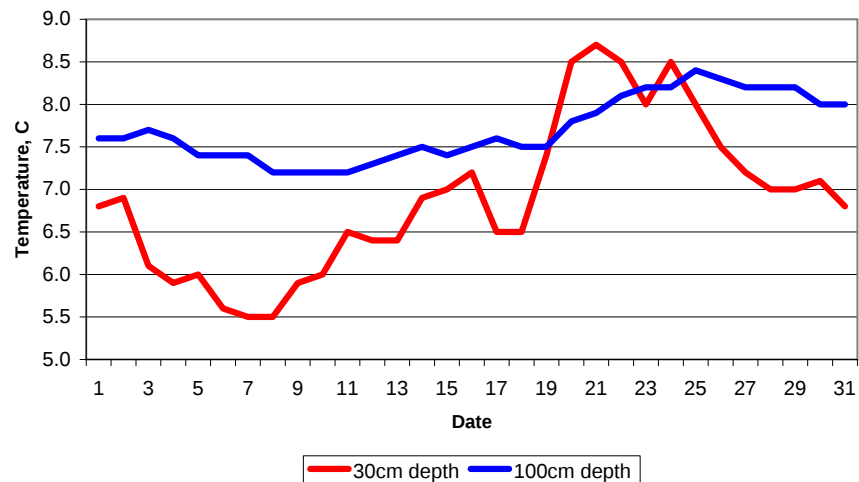
G gale

F fog at 09GMT

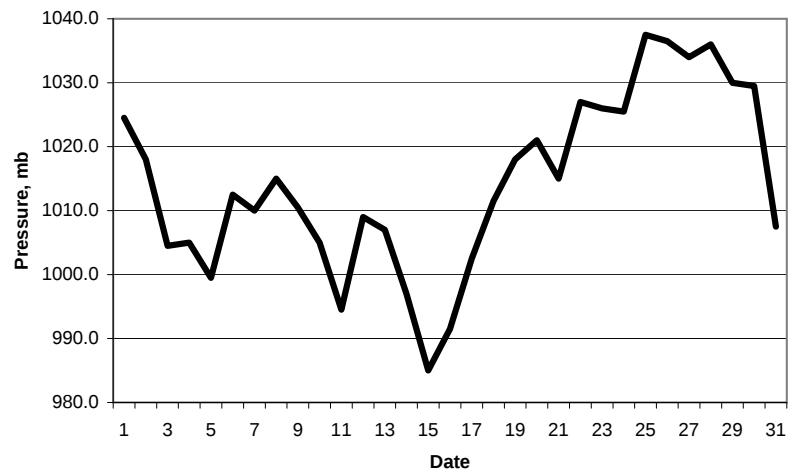
This information (and data for earlier months) is also available at

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

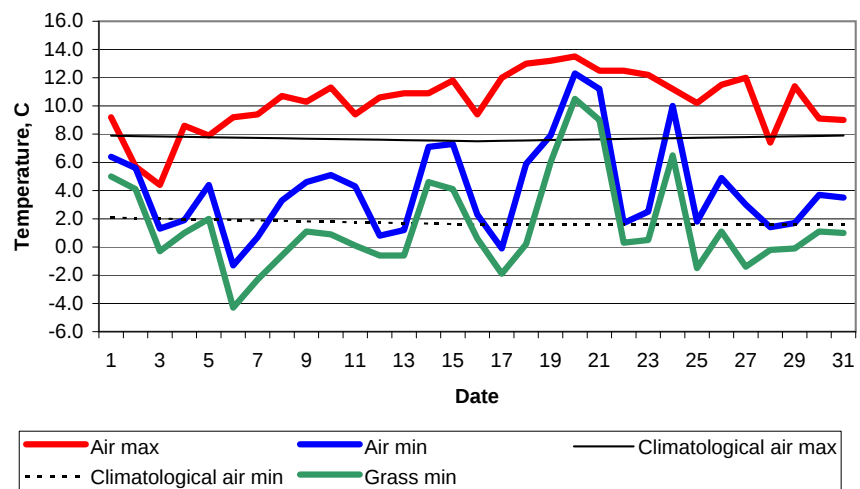
Daily soil temperatures, 0700GMT



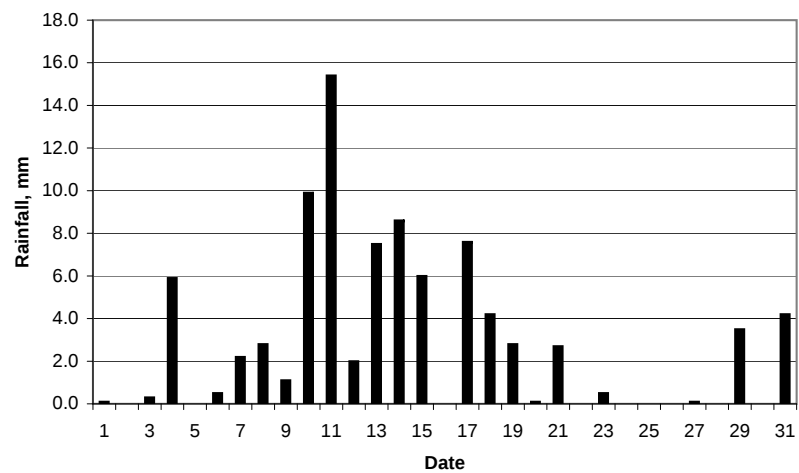
Mean sea level pressure, 0900GMT



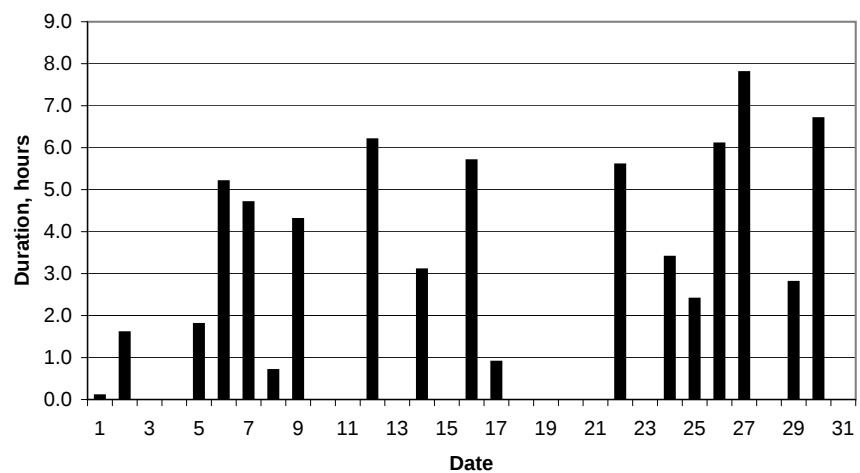
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

