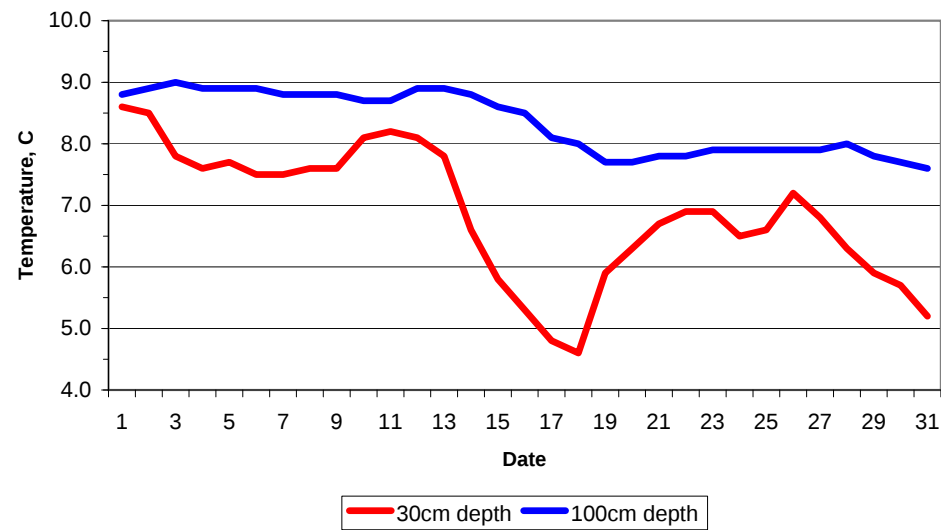


MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR JANUARY 2012

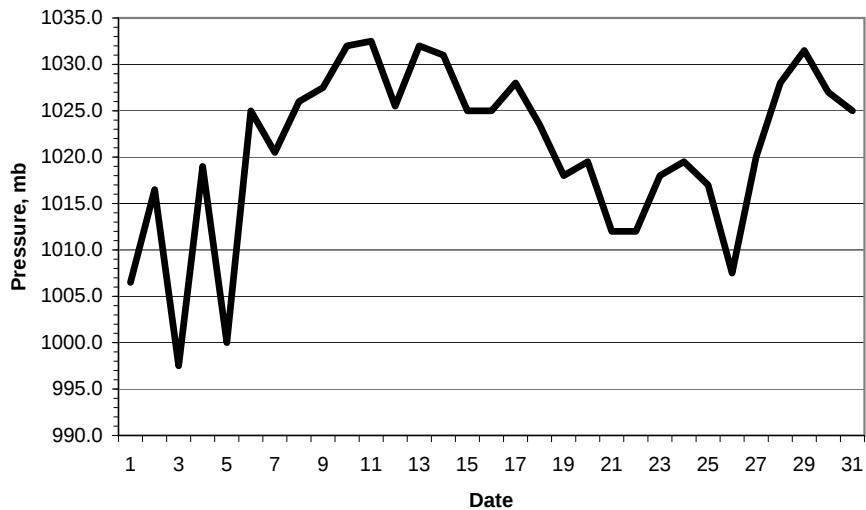
						0900GMT		Temperature			Soil temperatures (depth in cm)																		Rain	Fr.	Pch																											
DD	N	dd	ff	ww	VV	Temp	RH	Max	Min	Gmin	5	10	20	30	50	100	E	SS	Rain	Sun	S	L	H	T	G	F	Press	hrs	hrs	Evap																												
01	7	25	02	02	97	11.5	90	12.2	11.2	8.4	9.1	8.9	9.0	8.6	8.3	8.8	10	0	4.3	0.0	0	0	0	0	0	0	1006.5	4.2	0.0	0.4	Number of																											
02	0	27	02	01	97	4.0	97	12.2	2.7	-0.9	5.6	5.6	8.1	8.5	8.1	8.9	10	0	2.9	6.6	0	0	0	0	0	0	1016.5	4.8	0.0	0.8	days with																											
03	8	27	25	02	97	12.2	90	12.4	3.2	-0.6	8.3	7.7	6.7	7.8	8.2	9.0	10	0	9.5	1.3	0	0	0	0	0	0	997.5	3.7	0.0	1.1	2012	normal																										
04	6	25	09	03	97	5.2	94	11.3	4.8	1.6	4.9	5.0	6.5	7.6	8.2	8.9	10	0	2.4	0.2	0	0	0	0	0	0	1019.0	3.8	0.0	1.5	Snow/sleet falling																											
05	3	32	25	01	97	10.1	67	11.1	5.2	2.2	7.5	7.3	7.6	7.7	7.8	8.9	10	0	0.1	5.1	0	0	0	0	0	0	1000.0	0.1	0.0	1.5	0	2.9																										
06	2	32	05	02	97	4.3	92	10.3	3.4	-0.8	4.9	5.0	6.4	7.5	7.8	8.9	10	0	0.1	5.8	0	0	0	0	0	0	1025.0	0.0	0.0	1.1	50% snow cover 09GMT																											
07	7	27	09	02	97	9.0	73	11.2	4.3	-0.5	7.2	6.7	7.2	7.5	7.7	8.8	10	0	0.0	4.6	0	0	0	0	0	0	1020.5	0.0	0.0	1.5	0	1.5																										
08	8	27	02	02	97	8.2	82	10.7	7.2	3.0	7.0	6.7	7.2	7.6	7.8	8.8	10	0	tr	0.0	0	0	0	0	0	0	1026.0	0.0	0.0	0.5	Hail or ice pellets																											
09	8	22	02	02	97	10.7	90	12.8	6.3	1.1	6.7	6.8	7.3	7.6	7.9	8.8	10	0	0.2	0.5	0	0	0	0	0	0	1027.5	0.2	0.0	0.6	0	0.3																										
10	7	23	02	20	97	9.4	78	11.1	8.8	5.7	7.7	7.8	7.5	8.1	7.9	8.7	10	0	tr	0.7	0	0	0	0	0	0	1032.0	0.0	0.0	0.6	Thunder																											
11	7	25	02	02	97	7.0	67	11.9	5.2	1.8	6.2	6.5	7.3	8.2	7.9	8.7	10	0	0.1	2.5	0	0	0	0	0	0	1032.5	0.1	0.0	0.4	0	0.4																										
12	8	23	09	02	97	10.0	56	13.4	4.8	2.4	7.4	7.2	7.2	8.1	8.3	8.9	10	0	0.0	2.8	0	0	0	0	0	0	1025.5	0.0	0.0	1.0	Gale																											
13	1	34	02	02	96	1.5	81	7.6	-0.7	-3.1	3.9	4.2	6.3	7.8	8.2	8.9	10	0	0.0	8.1	0	0	0	0	0	0	1032.0	0.0	9.4	0.6	0	0.3																										
14	1	00	00	02	97	-3.2	56	6.3	-4.0	-5.5	1.7	2.2	4.5	6.6	7.5	8.8	40	0	0.0	6.5	0	0	0	0	0	0	1031.0	0.0	10.2	0.4	Fog at 09GMT																											
15	0	00	00	02	97	0.9	64	7.0	-3.2	-4.8	1.9	2.0	4.0	5.8	6.9	8.6	40	0	0.0	6.1	0	0	0	0	0	0	1025.0	0.0	7.9	1.0	0	1.8																										
16	2	09	02	02	96	-0.3	94	7.8	-2.0	-5.9	1.0	1.3	3.6	5.3	6.3	8.5	40	0	0.0	6.4	0	0	0	0	0	0	1025.0	0.0	12.4	0.7	Air frost																											
17	4	13	02	03	97	-2.7	94	9.0	-4.2	-6.5	1.1	1.1	2.9	4.8	6.2	8.1	40	0	0.4	0.4	0	0	0	0	0	0	1028.0	1.1	9.5	0.4	10	9.1																										
18	8	22	09	58	94	9.0	94	11.8	-2.7	-5.6	3.8	3.3	3.6	4.6	5.8	8.0	10	0	5.5	0.0	0	0	0	0	0	0	1023.5	6.6	0.0	0.3	Ground frost																											
19	8	23	09	61	95	8.8	95	10.8	8.8	4.4	7.9	7.3	6.5	5.9	6.3	7.7	10	0	0.3	2.1	0	0	0	0	0	0	1018.0	0.4	0.0	0.5	17	17.8																										
20	8	27	09	02	97	7.9	78	11.3	4.7	1.0	4.8	4.6	5.6	6.3	6.4	7.7	10	0	0.0	0.0	0	0	0	0	0	0	1019.5	0.0	0.0	1.2	0.2mm precipitation																											
21	4	27	13	02	97	11.3	85	13.2	7.9	4.7	7.7	7.1	6.8	6.7	6.7	7.8	10	0	tr	2.7	0	0	0	0	0	0	1012.0	0.0	0.0	1.3	13	16.0																										
22	7	25	19	02	97	9.5	80	12.2	5.8	1.9	6.1	5.7	6.4	6.9	7.0	7.8	10	0	0.0	2.9	0	0	0	0	0	0	1012.0	0.0	0.0	1.8	1.0mm precipitation																											
23	7	26	05	02	97	5.5	88	8.6	4.3	-0.5	5.1	5.1	6.4	6.9	7.1	7.9	10	0	3.8	0.0	0	0	0	0	0	0	1018.0	2.2	0.0	0.5	8	11.7																										
24	8	22	02	61	95	3.9	93	9.4	-0.7	-3.5	3.4	3.9	5.1	6.5	6.8	7.9	10	0	7.6	0.0	0	0	0	0	0	0	1019.5	2.5	1.5	0.1	5.0mm precipitation																											
25	8	22	02	02	96	9.1	95	10.2	3.9	2.5	7.2	6.7	6.5	6.6	6.6	7.9	10	0	1.2	0.0	0	0	0	0	0	0	1017.0	3.2	0.0	0.7	3	4.5																										
26	8	22	05	20	97	6.4	94	9.7	6.4	0.5	6.7	6.8	7.1	7.2	7.1	7.9	10	0	0.6	3.2	0	0	0	0	0	0	1007.5	1.0	0.0	0.6	No sunshine																											
27	1	00	00	02	97	1.4	96	10.4	0.4	-3.0	3.3	3.8	5.5	6.8	7.3	7.9	10	0	0.2	7.1	0	0	0	0	0	0	1020.0	0.3	0.0	0.7	8	13.4																										
28	1	36	05	02	97	3.9	91	6.7	1.4	-2.9	4.3	3.9	5.1	6.3	6.8	8.0	10	0	0.0	2.3	0	0	0	0	0	0	1028.0	0.0	0.0	0.6	Overall a mild, dry and																											
29	8	32	02	10	94	1.9	96	4.2	-0.5	-3.9	3.4	3.4	4.9	5.9	6.5	7.8	10	0	0.0	0.0	0	0	0	0	0	0	1031.5	0.0	1.5	0.5	sunny winter month. MSL																											
30	4	04	02	10	96	0.4	97	5.1	-0.1	-3.1	2.7	2.9	4.0	5.7	6.4	7.7	10	0	0.0	0.9	0	0	0	0	0	0	1027.0	0.0	4.3	0.6	pressure was relatively																											
31	1	04	02	10	06	-0.5	91	3.0	-1.4	-4.8	1.4	2.2	3.8	5.2	6.0	7.6	40	0	0.0	0.2	0	0	0	0	0	0	1025.0	0.0	2.7	0.6	high and there was no																											
Monthly means						5.7	85	9.8	2.9	-0.5	5.2	5.1	6.0	6.9	7.2	8.3											1020.9				colder during the final																											
Monthly totals																										39.2	79.0											34.2	59.4	24.1	four days of the month -																	
Highest values																																																								and also around the 13th		
Lowest values						12.2		13.4	11.2	8.4	9.1	8.9	9.0	8.6	8.3	9.0											9.5	8.1											6.6	12.4	1.8	to 18th.																
1981-2010 monthly climatological averages						-3.2	56	3.0	-4.2	-6.5	1.0	1.1	2.9	4.6	5.8	7.6																																										
						90	7.8	1.9	-0.8	3.8	3.8	4.6	5.3	5.4	6.7											61.0	57.5											1017.1	62.2	87.2	23.7																	

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.reading.ac.uk/~brugge>

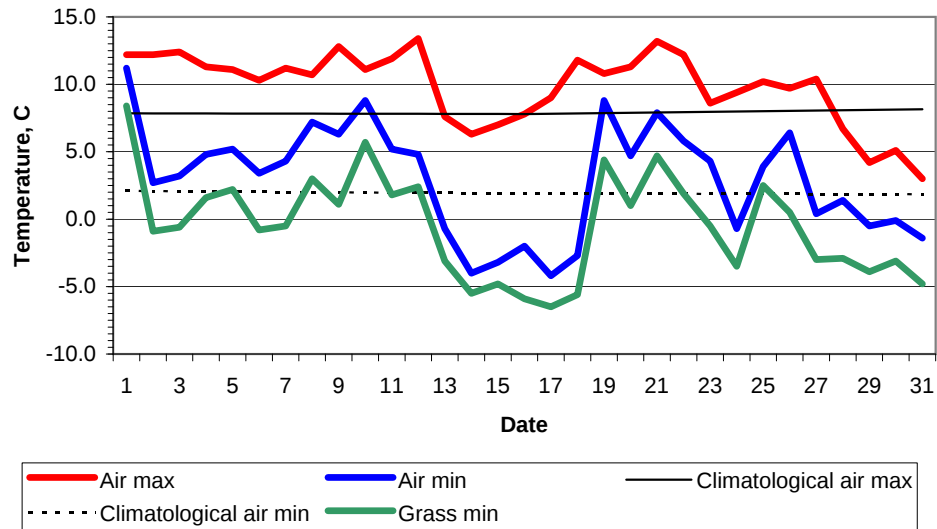
Daily soil temperatures, 0700GMT



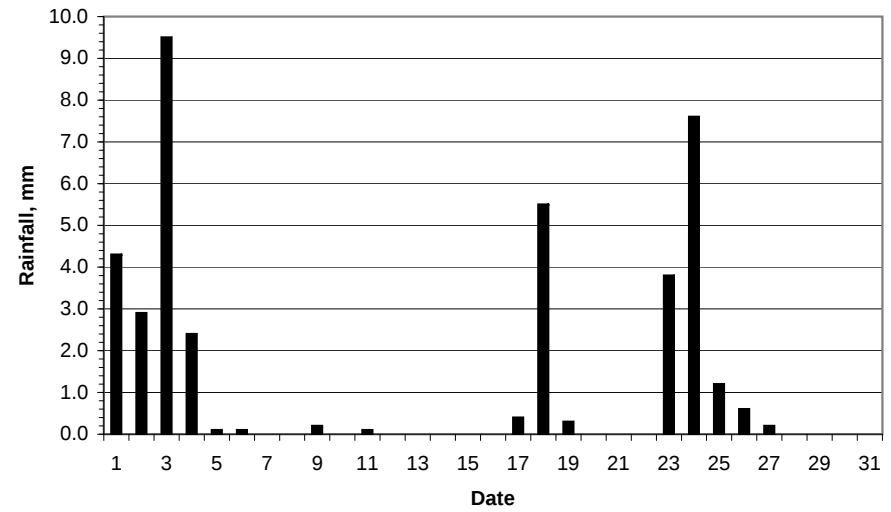
Mean sea level pressure, 0900GMT



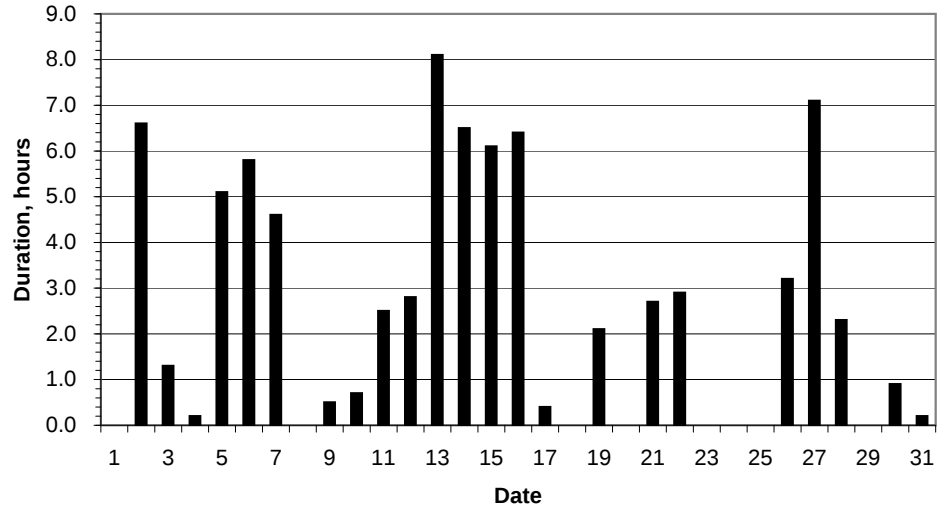
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

