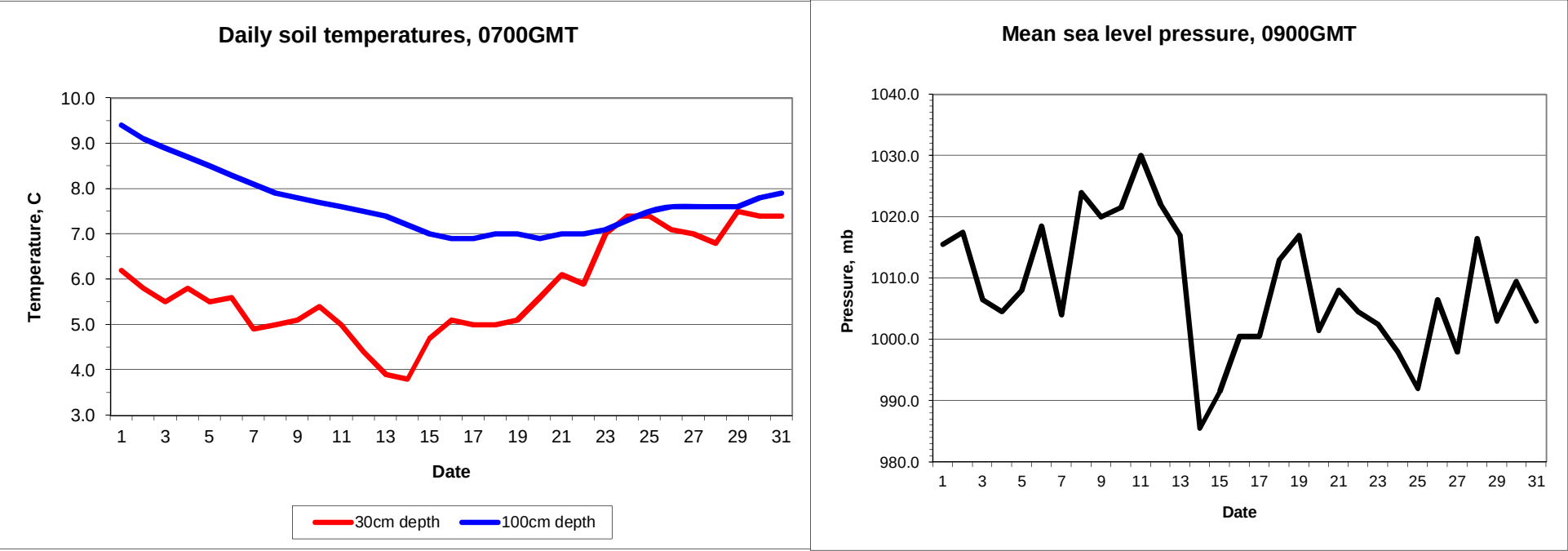


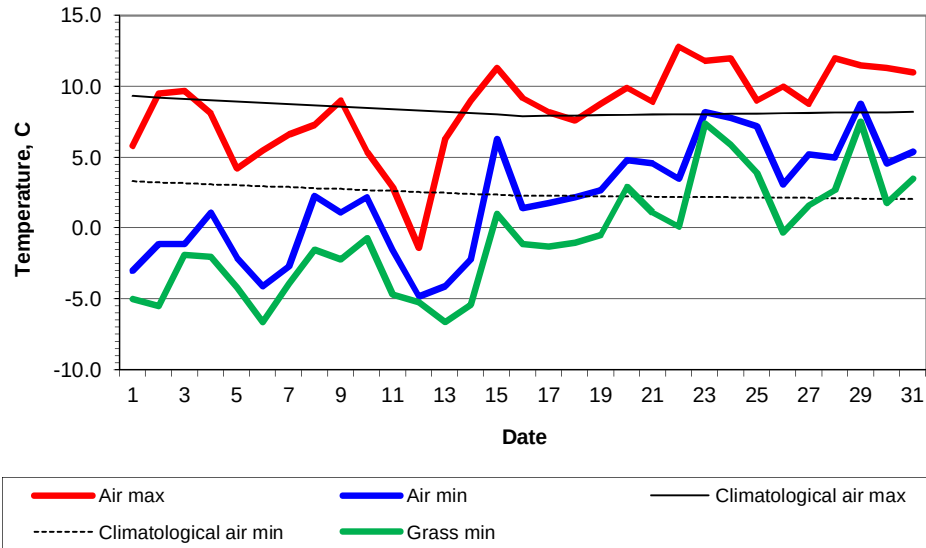
MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR DECEMBER 2012

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	9	22	02	45	03	-0.7	98	5.8	-3.0	-5.0	2.2	2.3	4.0	6.2	7.4	9.4	40	0	0.0	1.2	0	0	0	0	0	1	1015.5	0.0	10.5	0.3	Number of days with		
02	0	27	02	02	96	-1.1	93	9.5	-1.1	-5.5	1.4	1.8	3.5	5.8	6.9	9.1	40	0	7.7	4.7	0	0	0	0	0	0	1017.5	6.6	9.6	0.6			
03	8	23	02	02	96	9.5	97	9.7	-1.1	-1.9	4.9	4.4	4.1	5.5	6.7	8.9	10	0	0.8	0.2	0	0	0	0	0	0	1006.5	0.4	0.0	0.1	2012	normal	
04	2	33	05	02	97	3.7	98	8.1	1.1	-2.0	4.9	5.5	4.4	5.8	6.6	8.7	10	0	0.2	6.0	0	0	0	0	0	0	1004.5	0.4	3.3	0.4	Snow/sleet falling		
05	8	27	09	23	95	1.3	94	4.2	-2.1	-4.2	1.9	1.9	3.6	5.5	6.5	8.5	10	0	0.0	4.4	5	0	0	0	0	0	1008.0	0.0	6.4	0.7	3	2.1	
06	1	27	02	10	96	-2.7	90	5.5	-4.1	-6.6	0.5	1.4	3.0	5.6	6.2	8.3	40	0	2.9	0.1	0	0	0	0	0	0	1018.5	2.0	11.5	0.8	50% snow cover 09GMT		
07	7	27	05	02	97	2.9	91	6.6	-2.7	-3.9	2.3	2.4	3.7	4.9	5.7	8.1	10	0	1.3	3.7	1	0	0	0	0	0	1004.0	1.1	0.0	1.0	0	1.5	
08	0	32	02	02	97	2.5	93	7.3	2.3	-1.5	3.2	3.3	4.2	5.0	5.8	7.9	10	0	tr	4.2	0	0	0	0	0	0	1024.0	0.0	0.0	0.3	Hail or ice pellets		
09	8	23	09	02	97	7.3	91	9.0	1.1	-2.2	4.9	4.3	4.4	5.1	5.7	7.8	10	0	tr	2.2	0	0	0	0	0	0	1020.0	0.0	0.0	0.7	0	0.4	
10	0	32	05	02	97	2.8	93	5.4	2.2	-0.7	2.3	2.8	4.0	5.4	5.9	7.7	10	0	0.0	6.1	0	0	0	0	0	0	1021.5	0.0	0.0	0.6	Thunder		
11	0	32	05	02	96	-0.4	97	2.9	-1.5	-4.7	1.1	1.6	3.1	5.0	7.5	7.6	40	0	0.0	4.9	0	0	0	0	0	0	1030.0	0.0	12.3	0.2	0	0.2	
12	8	27	02	44	06	-4.1	96	-1.4	-4.8	-5.2	0.7	1.2	2.5	4.4	5.3	7.5	40	0	0.0	0.0	0	0	0	0	0	1	1022.0	0.0	24.0	0.1	Gale		
13	7	04	05	10	94	-2.2	96	6.3	-4.1	-6.6	0.6	0.9	2.1	3.9	5.0	7.4	40	0	0.5	0.0	5	0	0	0	0	0	1017.0	0.4	11.5	0.3	0	0.1	
14	8	22	09	02	96	6.3	98	9.0	-2.2	-5.4	2.7	1.7	2.4	3.8	4.6	7.2	10	0	11.0	0.0	0	0	0	0	0	0	985.5	5.6	0.0	0.6	Fog at 09GMT		
15	5	18	02	02	97	7.8	91	11.3	6.3	1.0	4.1	2.2	4.1	4.7	5.1	7.0	10	0	3.6	3.1	0	0	0	0	0	0	991.5	2.0	0.0	0.3	2	2.1	
16	6	22	02	02	96	3.1	98	9.2	1.4	-1.1	3.3	3.3	4.2	5.1	5.4	6.9	10	0	1.0	4.3	0	0	0	0	0	0	1000.5	1.0	0.0	0.3	Air frost		
17	8	22	02	21	96	4.1	97	8.2	1.8	-1.3	2.8	3.3	3.7	5.0	5.4	6.9	10	0	tr	5.0	0	0	0	0	0	0	1000.5	0.0	0.0	0.4	10	9.3	
18	0	27	05	02	97	4.8	94	7.6	2.2	-1.0	3.0	3.3	4.2	5.0	5.5	7.0	10	0	0.0	0.3	0	0	0	0	0	0	1013.0	0.0	0.0	0.2	Ground frost		
19	8	09	05	03	96	4.8	97	8.8	2.7	-0.5	3.3	3.2	4.1	5.1	5.6	7.0	10	0	24.2	0.0	0	0	0	0	0	0	1017.0	19.0	0.0	0.6	19	16.7	
20	8	09	09	61	96	8.8	97	9.9	4.8	2.9	6.1	6.0	5.7	5.6	5.6	6.9	20	0	3.7	0.0	0	0	0	0	0	0	1001.5	5.4	0.0	0.1	0.2mm precipitation		
21	1	22	05	28	96	4.9	87	8.9	4.6	1.1	4.9	5.0	5.9	6.1	6.0	7.0	10	0	12.4	1.6	0	0	0	0	0	0	1008.0	8.0	0.0	0.6	22	14.7	
22	8	18	09	61	95	8.2	97	12.8	3.5	0.1	6.1	6.1	5.9	5.9	6.2	7.0	20	0	10.9	0.0	0	0	0	0	0	0	1004.5	12.4	0.0	0.5	1.0mm precipitation		
23	7	22	09	02	97	11.6	83	11.8	8.2	7.4	9.0	9.0	8.1	7.0	6.5	7.1	20	0	8.7	0.3	0	0	0	0	0	0	1002.5	7.6	0.0	0.5	18	10.9	
24	8	09	02	21	96	9.9	97	12.0	7.8	5.9	7.2	7.3	7.5	7.4	7.2	7.3	20	0	6.7	0.0	0	0	0	0	0	0	998.0	4.7	0.0	0.6	5.0mm precipitation		
25	7	20	05	81	96	7.4	95	9.0	7.2	3.9	5.5	6.9	7.2	7.4	7.3	7.5	20	0	1.3	0.2	0	0	0	0	0	0	992.0	0.7	0.0	0.6	8	4.7	
26	7	22	02	02	97	6.4	96	10.0	3.1	-0.3	5.2	5.1	6.1	7.1	7.2	7.6	10	0	4.5	0.3	0	0	0	0	0	0	1006.5	4.6	0.0	1.0	No sunshine		
27	8	27	02	61	96	7.3	97	8.8	5.2	1.6	6.1	5.9	6.4	7.0	7.1	7.6	20	0	4.8	0.3	0	0	0	0	0	0	998.0	7.7	0.0	0.7	10	13.7	
28	8	23	02	21	96	8.8	97	12.0	5.0	2.7	6.1	6.6	6.4	6.8	7.0	7.6	20	0	1.7	0.0	0	0	0	0	0	0	1016.5	1.2	0.0	1.0	Mean temperatures close to averages, although on the 12th the temperature did not rise above -1.4C, the coldest December day since 1991. Sunnier than average and also a wet month with the wettest day of 2012. The wettest December since 1989.		
29	8	21	13	02	97	11.5	83	11.5	8.8	7.5	8.8	8.4	8.0	7.5	7.2	7.6	10	0	3.5	0.0	0	0	0	0	0	0	1003.0	4.3	0.0	0.7			
30	3	22	05	02	97	5.5	84	11.3	4.6	1.8	5.1	5.4	6.5	7.4	7.4	7.8	10	0	0.4	1.1	0	0	0	0	0	0	1009.5	1.5	0.0	1.3			
31	8	22	13	50	96	10.7	92	11.0	5.4	3.5	8.4	8.1	7.6	7.4	7.3	7.9	10	0	5.9	0.0	0	0	0	0	0	0	1003.0	6.0	0.0	0.4			
Monthly means						4.9	94	8.5	2.0	-0.7	4.1	4.2	4.9	5.8	6.3	7.7											1008.4						
Monthly totals																										117.7	54.2	102.6	89.1	16.5			
Highest values						11.6		12.8	8.8	7.5	9.0	9.0	8.1	7.5	7.5	9.4											24.2	6.1	19.0	24.0	1.3		
Lowest values						-4.1	83	-1.4	-4.8	-6.6	0.5	0.9	2.1	3.8	4.6	6.9																	
1981-2010 monthly climatological averages						91	7.9	2.3	-0.1	4.6	4.7	5.5	6.3	6.6	8.2											64.6	47.1	1016.0	56.8	67.0	20.2		

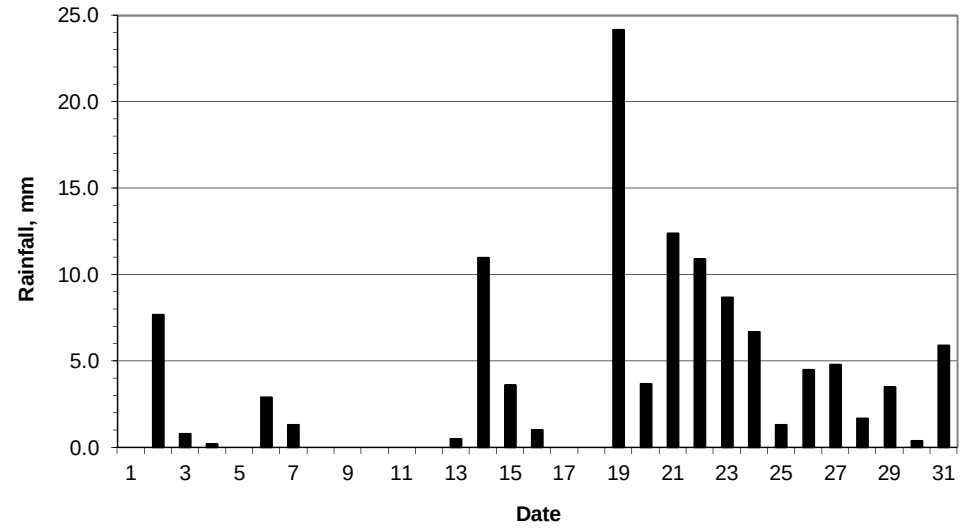
Key
DD: date
07GMT observations
N cloud cover (oktas, 9=obsured)
ff wind speed (knots)
ww present weather code
1 cloud decreasing
2 sky not changing
3 cloud increasing
10 mist
21 recent rain
VV visibility (00-50 metres/100, 94 very poor, 95 poor, 96 moderate, 97 good)
Soil temperatures are for 0700GMT beneath bare soil (5, 10, 20cm) or grass (30, 50, 100cm)
09GMT observations
Temp temperature (degC)
E state of ground (10 moist, 20 wet, 40 frozen, X1-X7 snow)
Press air pressure (mb)
24 hour readings
Max maximum temperature (degC) beginning 09GMT
Gmin grass minimum temperature (degC) ending 09GMT
Sun sunshine (hours) sunrise-sunset
Fr. Hrs hours of air frost (00-24GMT)
Days with
S snow(5) or sleet(1) falling
T thunder heard
L 50% snow cover at 09GMT
G gale
H hail or ice pellets
F fog at 09GMT
This information (and data for earlier months) is also available at <http://www.met.rdg.ac.uk/~brugge>



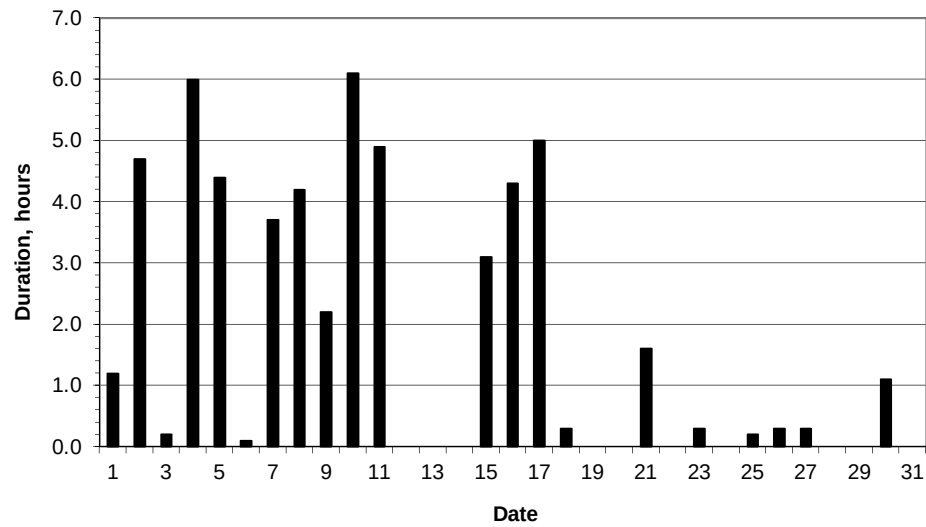
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

