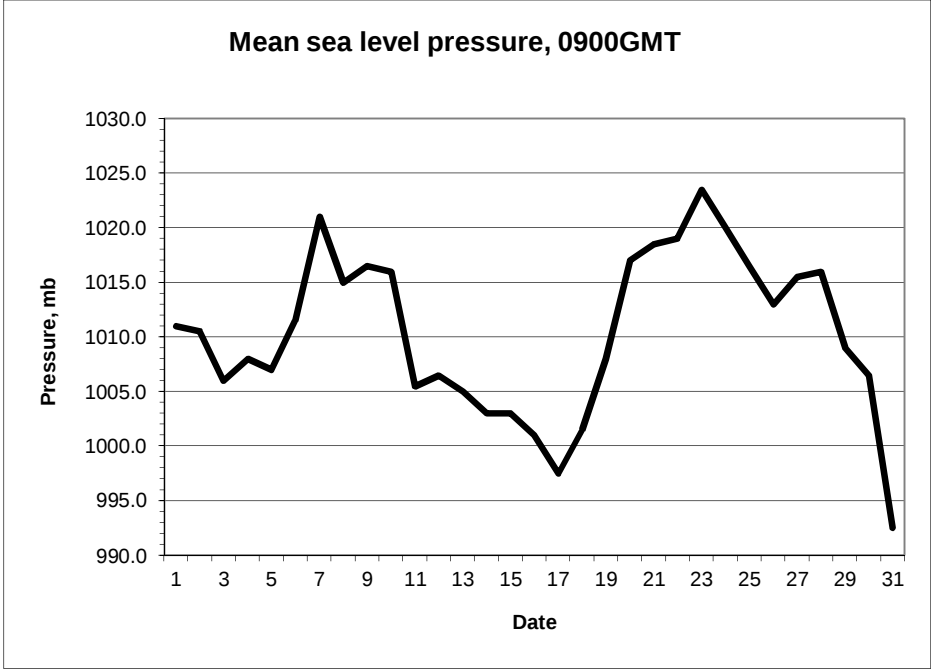
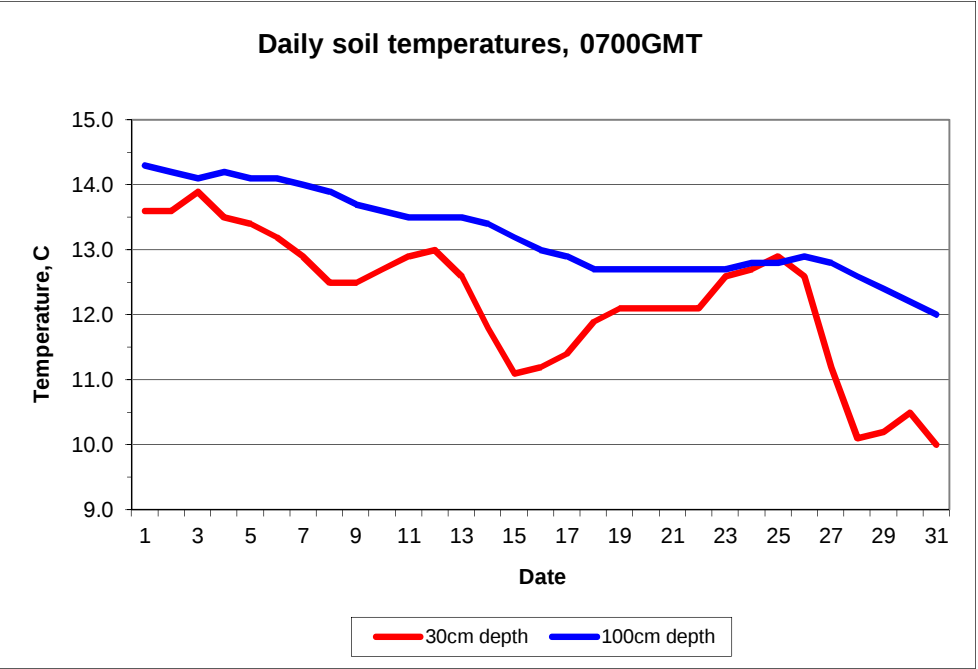


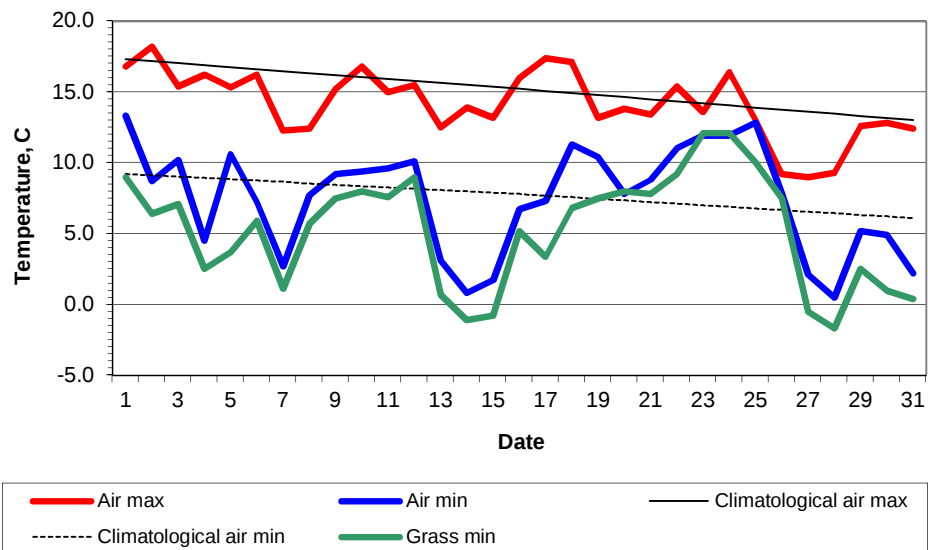
MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR OCTOBER 2012

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	8	18	05	21	96	13.6	94	16.8	13.3	9.0	13.3	13.4	13.5	13.6	13.5	14.3	10	0	1.5	2.7	0	0	0	0	0	0	1011.0	2.2	0.0	0.8	Number of			
02	7	19	02	02	97	12.1	95	18.2	8.7	6.4	11.2	11.8	12.8	13.6	13.7	14.2	10	0	2.2	5.3	0	0	0	0	0	0	1010.5	2.9	0.0	1.3	days with			
03	6	22	05	02	96	12.3	85	15.4	10.2	7.1	12.1	12.6	13.4	13.9	13.6	14.1	10	0	2.6	4.9	0	0	0	0	0	0	1006.0	1.3	0.0	1.0	2012	normal		
04	0	00	00	02	96	10.8	94	16.2	4.5	2.5	9.4	10.4	12.1	13.5	13.7	14.2	10	0	11.9	6.7	0	0	0	0	0	0	1008.0	7.6	0.0	1.4	Snow/sleet falling			
05	6	30	09	21	96	12.1	92	15.3	10.6	3.7	12.6	12.8	13.0	13.4	13.6	14.1	10	0	20.9	0.6	0	0	0	0	0	0	1007.0	14.0	0.0	0.7	0	0.1		
06	3	01	02	01	97	10.6	94	16.2	7.2	5.9	10.6	11.1	12.2	13.2	13.5	14.1	20	0	0.0	9.5	0	0	0	0	0	0	1011.5	0.0	0.0	0.9	50% snow cover 09GMT			
07	9	00	00	45	03	7.7	94	12.3	2.7	1.1	8.9	9.4	11.2	12.9	13.3	14.0	10	0	0.0	2.6	0	0	0	0	0	1	1021.0	0.0	0.0	0.6	0	0.0		
08	8	27	02	02	96	11.4	89	12.4	7.7	5.7	11.1	11.1	11.8	12.5	13.0	13.9	10	0	3.1	0.0	0	0	0	0	0	0	1015.0	3.9	0.0	0.2	Hail or ice pellets			
09	8	04	02	02	96	11.6	85	15.2	9.2	7.5	10.9	11.2	12.0	12.5	12.9	13.7	10	0	tr	4.9	0	0	0	0	0	0	1016.5	0.0	0.0	1.2	1	0.2		
10	8	05	02	02	97	10.5	76	16.8	9.4	8.0	11.2	11.6	12.2	12.7	12.8	13.6	10	0	0.0	4.0	0	0	0	0	0	0	1016.0	0.0	0.0	1.9	Thunder			
11	8	09	02	02	96	11.3	83	15.0	9.6	7.6	11.1	11.6	12.3	12.9	12.9	13.5	10	0	10.8	0.0	0	0	0	0	0	0	1005.5	5.2	0.0	0.6	2	0.6		
12	7	27	09	02	97	11.1	74	15.5	10.1	9.0	11.6	12.2	12.6	13.0	12.9	13.5	10	0	0.0	8.0	0	0	0	0	0	0	1006.5	0.0	0.0	1.5	Gale			
13	0	22	02	02	97	8.4	92	12.5	3.1	0.7	8.4	9.3	10.9	12.6	12.9	13.5	10	0	2.3	3.5	0	0	5	1	0	0	1005.0	0.7	0.0	0.9	0	0.1		
14	0	27	02	02	97	6.3	93	13.9	0.8	-1.1	7.2	7.7	9.7	11.8	12.2	13.4	10	0	0.0	8.7	0	0	0	0	0	0	1003.0	0.0	0.0	1.7	Fog at 09GMT			
15	7	22	02	10	96	6.7	92	13.2	1.7	-0.8	7.7	8.1	9.5	11.1	11.9	13.2	10	0	2.8	0.3	0	0	0	0	0	0	1003.0	2.5	0.0	1.3	3	0.8		
16	8	22	13	02	97	11.6	74	16.0	6.7	5.2	9.6	9.9	10.6	11.2	11.7	13.0	10	0	8.0	6.4	0	0	0	0	0	0	1001.0	4.0	0.0	2.0	Air frost			
17	7	18	05	10	96	13.9	85	17.4	7.3	3.4	10.6	10.6	10.9	11.4	11.8	12.9	10	0	17.4	6.0	0	0	0	1	0	0	997.5	5.3	0.0	1.2	0	1.0		
18	6	18	05	03	97	12.9	89	17.1	11.3	6.8	10.7	11.3	11.7	11.9	12.0	12.7	20	0	tr	2.6	0	0	0	0	0	0	1001.5	0.0	0.0	0.5	Ground frost			
19	8	00	00	10	96	11.5	91	13.2	10.4	7.5	11.1	11.4	11.9	12.1	12.2	12.7	10	0	3.5	0.0	0	0	0	0	0	0	1008.0	5.2	0.0	0.5	4	3.6		
20	8	00	00	44	05	8.9	93	13.8	7.8	8.0	10.8	11.0	11.6	12.1	12.2	12.7	10	0	4.1	0.1	0	0	0	0	0	1	1017.0	3.9	0.0	0.5	0.2mm precipitation			
21	7	26	02	10	96	11.0	89	13.4	8.8	7.8	10.9	11.1	11.7	12.1	12.2	12.7	10	0	2.1	0.1	0	0	0	0	0	0	1018.5	2.0	0.0	0.2	19	14.3		
22	8	18	02	10	94	13.4	93	15.4	11.0	9.2	12.2	11.9	12.0	12.1	12.3	12.7	10	0	0.1	0.0	0	0	0	0	0	0	1019.0	0.1	0.0	0.1	1.0mm precipitation			
23	8	02	02	20	94	11.9	92	13.6	11.9	12.1	13.2	12.8	12.9	12.6	12.6	12.7	10	0	0.1	0.0	0	0	0	0	0	0	1023.5	0.1	0.0	0.1	17	11.4		
24	8	04	02	46	09	13.4	92	16.4	11.9	12.1	13.2	13.2	12.8	12.7	12.5	12.8	10	0	0.1	0.2	0	0	0	0	0	1	1020.0	0.1	0.0	0.7	5.0mm precipitation			
25	8	05	02	02	95	12.8	91	13.0	12.8	10.0	12.6	12.8	13.0	12.9	12.6	12.8	10	0	0.1	0.0	0	0	0	0	0	0	1016.5	0.1	0.0	1.2	6	4.7		
26	8	05	13	02	97	7.8	82	9.2	7.8	7.5	9.6	10.3	11.7	12.6	12.6	12.9	10	0	0.4	0.0	0	0	0	0	0	0	1013.0	0.7	0.0	1.0	No sunshine			
27	5	36	09	02	97	5.1	73	9.0	2.1	-0.5	5.0	5.5	9.3	11.2	12.1	12.8	10	0	0.0	6.5	0	0	0	0	0	0	1015.5	0.0	0.0	1.6	7	6.2		
28	7	22	05	03	97	5.2	86	9.3	0.5	-1.7	5.0	5.5	8.3	10.1	11.1	12.6	10	0	4.4	0.5	0	0	0	0	0	0	1016.0	6.7	0.0	0.8	October was a much wetter			
29	7	18	05	02	97	8.5	91	12.6	5.2	2.5	8.3	8.4	9.3	10.2	10.8	12.4	10	0	1.4	1.8	0	0	0	0	0	0	1009.0	1.3	0.0	0.5	month than normal, partly			
30	2	27	02	03	97	7.0	91	12.8	4.9	1.0	7.7	8.2	9.4	10.5	10.9	12.2	10	0	0.2	6.3	0	0	0	0	0	0	1006.5	0.2	0.0	0.4	due to some very wet days			
31	8	18	02	21	96	9.5	86	12.4	2.2	0.4	7.6	7.6	8.6	10.0	10.7	12.0	10	0	15.8	2.6	0	0	0	0	0	0	992.5	7.3	0.0	0.9	but also because of frequent			
Monthly means						10.4	88	14.2	7.5	5.3	10.2	10.5	11.4	12.2	12.5	13.2											1010.3			days with small totals.				
Monthly totals																												115.8	94.8	77.3	0.0	28.2	Daytime temperatures averaged about 1 degC	
Highest values						13.9		18.2	13.3	12.1	13.3	13.4	13.5	13.9	13.7	14.3											20.9	9.5	14.0	0.0	2.0	below normal with the temperature reaching only		
Lowest values						5.1	73	9.0	0.5	-1.7	5.0	5.5	8.3	10.0	10.7	12.0													18.2C; there were also three					
1981-2010 monthly climatological averages						88	15.2	7.8	5.3	10.3	10.7	11.7	12.5	12.8	13.6											73.8	104.1	1014.5	51.7	4.3	34.9	cold days from the 26th to the 28th when 10C was not reached.		

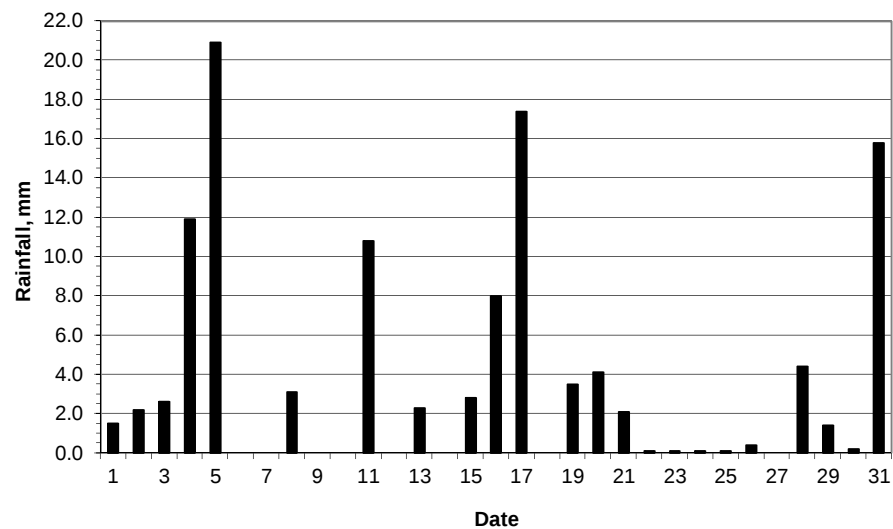
Key
DD: date
07GMT observations
N cloud cover (oktas, 9=obscured)
ff wind speed (knots)
ww present weather code
2 sky not changing
3 cloud increasing
10 mist
11 shallow fog
21 recent rain
VV visibility (00-50 metres/100, 94 very poor, 95 poor, 96 moderate, 97 good)
Soil temperatures are for 0700GMT beneath bare soil (5, 10, 20cm) or grass (30, 50, 100cm)
09GMT observations
Temp temperature (degC)
E state of ground (00 dry, 10 moist, 20 wet, 90 cracked)
Press air pressure (mb)
RH relative humidity (%)
SS snow depth (cm)
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)
Min minimum temperature (degC) ending 09GMT
Rain precipitation beginning 09GMT
Rain hrs hours of rainfall (>0.1mm/h) 09-09GMT
Pch Evap Piche evaporation (ml) beginning 09GMT
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.reading.ac.uk/~brugge>



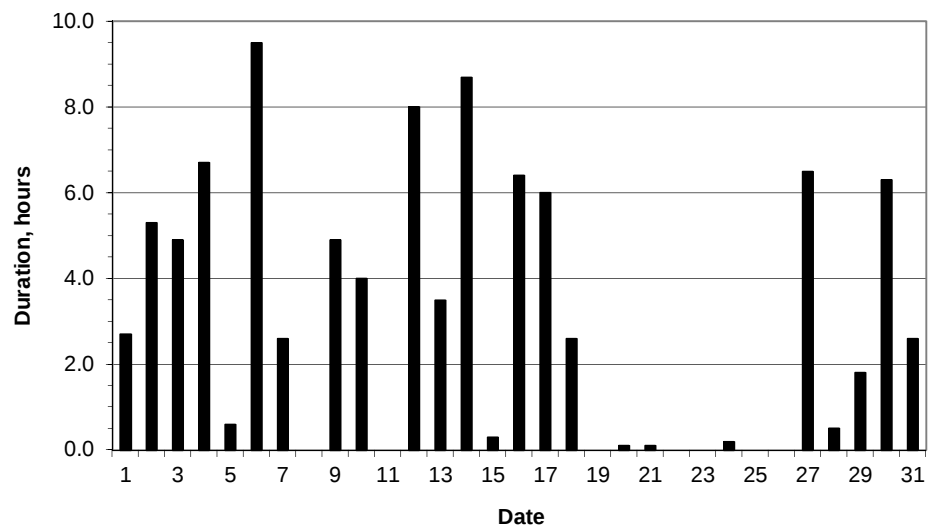
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

