

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR OCTOBER 2011

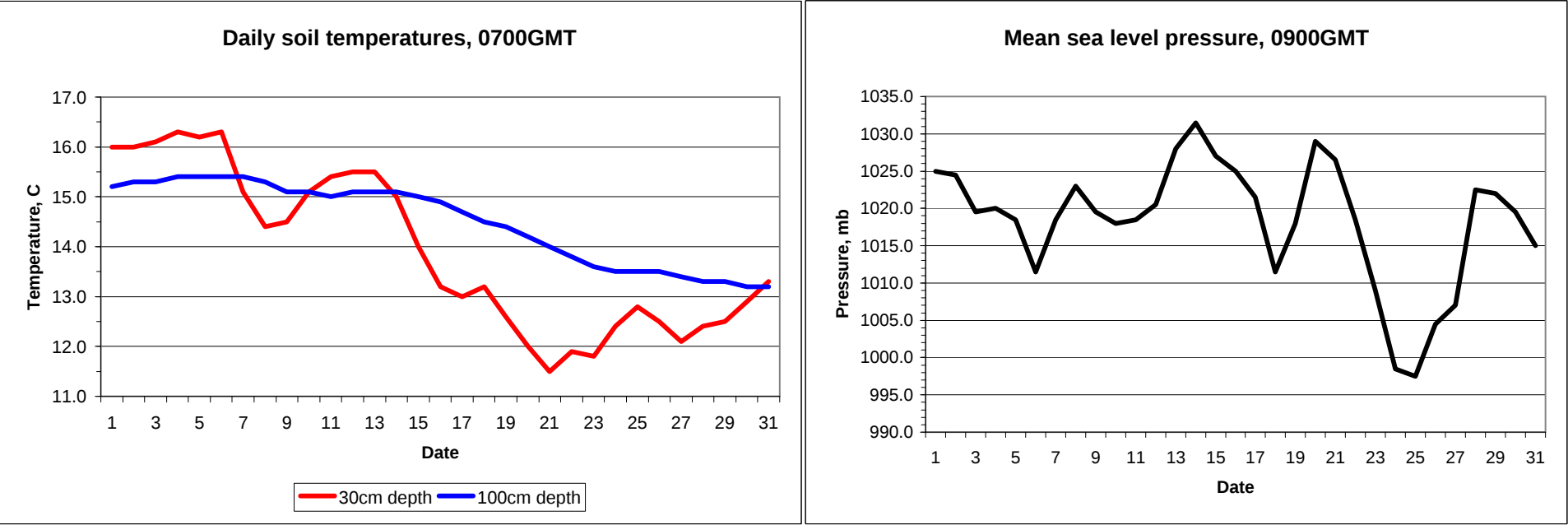
						0900GMT		Temperature			Soil temperatures (depth in cm)																	Rain	Fr.	Pch									
DD	N	dd	ff	ww	VV	Temp	RH	Max	Min	Gmin	5	10	20	30	50	100	E	SS	Rain	Sun	S	L	H	T	G	F	Press	hrs	hrs	Evap									
01	1	16	02	02	96	18.3	81	28.6	10.7	7.8	13.7	14.2	15.6	16.0	15.8	15.2	00	0	0.0	10.8	0	0	0	0	0	0	1025.0	0.0	0.0	2.2	Number of								
02	1	14	02	02	97	18.8	75	28.2	10.2	7.6	13.9	14.4	15.6	16.0	15.9	15.3	00	0	0.0	10.8	0	0	0	0	0	0	1024.5	0.0	0.0	2.3	days with								
03	7	15	02	03	96	19.5	71	26.0	13.3	9.6	15.4	15.5	16.1	16.1	15.9	15.3	00	0	tr	9.0	0	0	0	0	0	0	1019.5	0.0	0.0	2.9	2011	normal							
04	8	18	02	50	96	16.5	89	19.1	15.0	12.0	15.6	15.6	16.5	16.3	16.2	15.4	00	0	0.2	0.9	0	0	0	0	0	0	1020.0	0.3	0.0	1.0	Snow/sleet falling								
05	7	22	05	02	97	17.0	83	19.5	14.7	11.4	16.1	16.1	16.3	16.2	16.2	15.4	00	0	2.5	0.5	0	0	0	0	0	0	1018.5	2.5	0.0	1.7	0	0.0							
06	7	25	13	02	97	13.4	72	16.4	11.2	8.5	14.5	14.8	16.2	16.3	16.2	15.4	10	0	0.1	6.2	0	0	0	0	0	0	1011.5	0.1	0.0	2.4	50% snow cover 09GMT								
07	7	27	05	02	97	11.7	83	16.3	8.8	5.8	11.7	13.2	13.8	15.1	15.6	15.4	00	0	0.8	2.9	0	0	0	0	0	0	1018.5	0.4	0.0	1.3	0	0.0							
08	7	26	09	01	97	12.0	75	16.7	8.6	5.6	12.4	13.3	13.2	14.4	15.1	15.3	10	0	0.4	0.1	0	0	0	0	0	0	1023.0	0.3	0.0	0.9	Hail or ice pellets								
09	8	27	05	02	97	16.7	89	20.1	12.0	11.4	14.5	14.5	14.2	14.5	15.0	15.1	10	0	tr	1.1	0	0	0	0	0	0	1019.5	0.0	0.0	1.3	0	0.2							
10	7	25	13	02	97	17.6	75	19.4	16.3	13.6	14.9	14.9	15.3	15.1	15.1	15.1	00	0	tr	1.8	0	0	0	0	0	0	1018.0	0.0	0.0	2.0	Thunder								
11	8	27	09	60	97	17.3	82	19.3	15.6	14.4	15.0	15.3	14.6	15.4	15.2	15.0	00	0	tr	3.6	0	0	0	0	0	0	1018.5	0.0	0.0	1.8	0	0.5							
12	8	27	09	02	97	16.0	86	20.0	14.3	12.0	14.6	15.0	15.6	15.5	15.2	15.1	00	0	0.0	0.9	0	0	0	0	0	0	1020.5	0.0	0.0	0.9	Gale								
13	8	04	02	03	96	15.7	90	20.0	12.7	9.6	14.0	14.3	15.2	15.5	15.4	15.1	00	0	0.0	5.1	0	0	0	0	0	0	1028.0	0.0	0.0	1.6	0	0.2							
14	3	04	02	02	97	10.5	88	17.1	6.4	5.6	10.8	11.6	13.8	15.0	15.3	15.1	00	0	0.0	10.0	0	0	0	0	0	0	1031.5	0.0	0.0	2.0	Fog at 09GMT								
15	0	05	02	05	96	11.9	93	18.4	4.6	0.8	10.0	10.0	12.5	14.0	14.5	15.0	00	0	0.0	10.1	0	0	0	0	0	0	1027.0	0.0	0.0	2.0	0	2.0							
16	7	32	02	42	03	7.5	95	17.2	4.7	1.5	9.5	9.8	12.0	13.2	14.2	14.9	00	0	0.0	4.2	0	0	0	0	0	0	1025.0	0.0	0.0	1.2	Air frost								
17	2	18	02	03	96	10.9	73	17.4	4.5	2.0	8.9	9.6	11.5	13.0	13.9	14.7	00	0	3.6	2.8	0	0	0	0	0	0	1021.5	3.1	0.0	1.9	0	0.8							
18	6	31	05	01	97	10.4	86	14.4	6.9	2.5	11.1	11.6	12.4	13.2	13.8	14.5	10	0	0.0	8.9	0	0	0	0	0	0	1011.5	0.0	0.0	1.4	Ground frost								
19	0	27	05	02	96	8.4	85	14.9	3.0	-0.6	7.6	7.6	10.9	12.6	13.7	14.4	10	0	0.7	6.1	0	0	0	0	0	0	1018.0	0.9	0.0	1.0	2	4.5							
20	7	27	02	02	96	6.4	97	13.6	2.3	-0.9	6.7	7.2	9.5	12.0	13.3	14.2	10	0	0.0	7.1	0	0	0	0	0	0	1029.0	0.0	0.0	0.5	0.2mm precipitator								
21	6	18	05	02	97	9.3	78	15.8	2.8	0.2	7.1	8.1	9.4	11.5	12.9	14.0	10	0	0.0	4.4	0	0	0	0	0	0	1026.5	0.0	0.0	2.2	12	14.0							
22	7	12	02	02	97	9.7	83	15.5	3.3	1.1	8.8	9.1	10.7	11.9	12.7	13.8	00	0	0.0	8.1	0	0	0	0	0	0	1018.5	0.0	0.0	1.5	1.0mm precipitator								
23	7	15	05	02	97	14.2	85	20.0	9.7	3.5	10.7	10.5	10.9	11.8	12.7	13.6	00	0	0.0	7.1	0	0	0	0	0	0	1009.0	0.0	0.0	2.5	6	11.4							
24	4	15	05	02	97	14.0	79	18.0	12.3	9.5	11.2	11.7	11.7	12.4	12.8	13.5	00	0	2.5	5.1	0	0	0	0	0	0	998.5	2.6	0.0	1.7	5.0mm precipitation								
25	7	18	05	02	97	12.9	85	17.9	10.8	8.1	11.1	11.7	12.0	12.8	13.1	13.5	10	0	5.5	4.6	0	0	0	0	0	0	997.5	2.6	0.0	0.8	1	4.6							
26	5	18	05	25	97	9.6	93	15.1	5.1	3.0	9.0	9.4	11.2	12.5	13.2	13.5	10	0	4.3	6.0	0	0	0	0	0	0	1004.5	4.2	0.0	0.9	No sunshine								
27	8	09	05	61	95	12.0	97	13.0	7.2	4.8	11.0	11.0	11.6	12.1	12.9	13.4	10	0	1.0	0.0	0	0	0	0	0	0	1007.0	2.0	0.0	1.1	1	6.6							
28	1	36	02	02	97	11.0	97	16.2	6.3	4.8	9.5	10.6	11.5	12.4	12.5	13.3	10	0	tr	8.6	0	0	0	0	0	0	1022.5	0.0	0.0	1.6	28.6C on the 1st made this								
29	7	22	05	02	96	13.6	78	16.2	10.0	4.5	11.0	11.0	12.0	12.5	12.6	13.3	10	0	tr	3.4	0	0	0	0	0	0	1022.0	0.0	0.0	0.5	one of the hottest days of								
30	8	18	05	02	97	15.5	87	17.0	13.6	11.0	12.0	13.0	13.0	12.9	13.0	13.2	10	0	0.7	0.1	0	0	0	0	0	0	1019.5	0.8	0.0	0.5	2011 - and possibly the								
31	8	18	05	02	97	15.2	93	16.1	14.0	12.0	12.7	13.7	13.1	13.3	13.2	13.2	10	0	0.5	0.1	0	0	0	0	0	0	1015.0	1.8	0.0	1.0	highest temperature in								
Monthly means						13.3	85	18.2	9.4	6.5	11.8	12.2	13.2	13.9	14.3	14.5											1018.4	October locally since 1921. It was a dry month and also a sunny one - with a similar sunshine total to each of the previous two months. Overall it was a very mild month.											
Monthly totals																				22.8	150.4											21.6	0.0	46.6					
Highest values						19.5		28.6	16.3	14.4	16.1	16.1	16.5	16.3	16.2	15.4											5.5					10.8	4.2	0.0	2.9				
Lowest values						6.4	71	13.0	2.3	-0.9	6.7	7.2	9.4	11.5	12.5	13.2																							
1971-2000 monthly climatological averages																																							
						88	15.0	7.3	4.9	9.9	10.5	11.5	12.2	12.6	13.2											68.7	100.4	1015.1	51.8	4.8	35.6								

Key
DD: date
07GMT observations
N cloud cover (oktas, 9=obscured) dd wind direction (degrees/10
ff wind speed (knots)
ww present weather code
2 sky not changing 25 recent rain shower
3 cloud increasing 45 fog
10 mist 58 slight rain and drizzle
11 shallow fog 60 intermittent slight rain
21 recent rain 61 continuous slight 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)

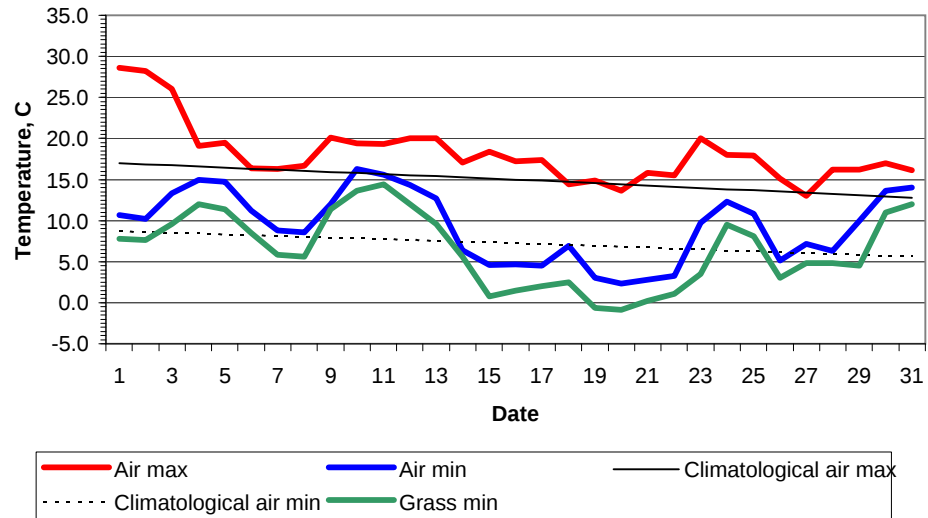
09GMT observations
Temp temperature (degC) RH relative humidity (%)
E state of ground (00 dry, 10 moist, 20 wet, 90 cracked) SS snow depth (cm)
Press air pressure (mb)
24 hour readings
Max maximum temperature (degC) beginning 09GMT Min minimum temperature (degC) ending 09GMT
Gmin grass minimum temperature (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

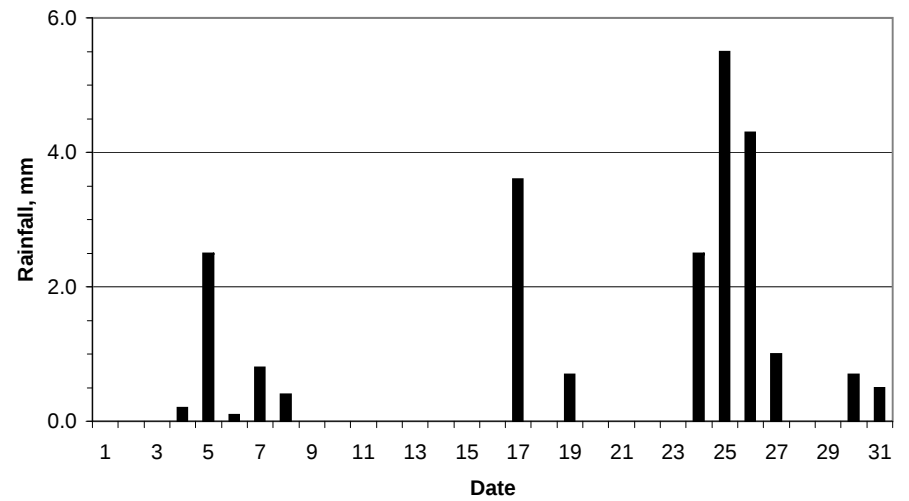
This information (and data for earlier months) is also available at <http://www.met.reading.ac.uk/~brugge>



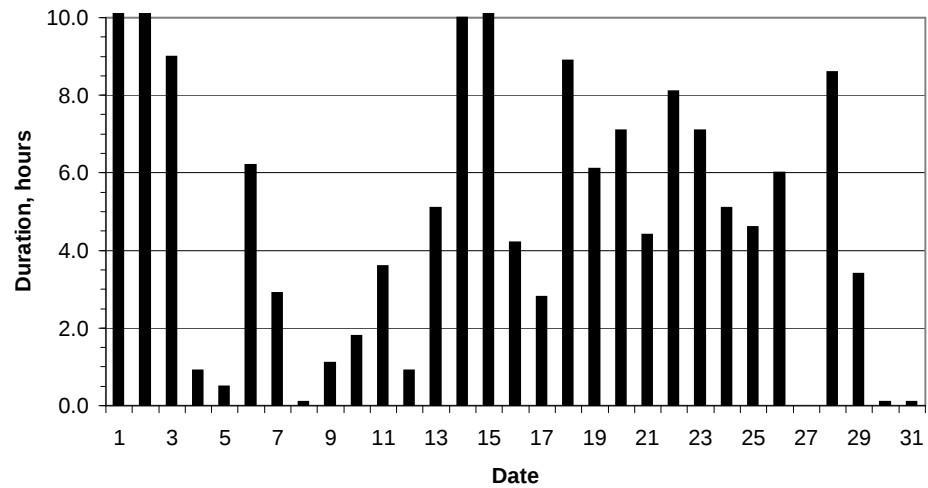
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

