

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR OCTOBER 2010

DD	N	dd	ff	ww	VV	0900GMT		Temperature			Soil temperatures (depth in cm)						E	SS	Rain	Sun	S	L	H	T	G	F	Press	Rain	Fr.	Pch			
						Temp	RH	Max	Min	Gmin	5	10	20	30	50	100												hrs	hrs	Evap			
01	8	14	13	21	97	14.2	89	15.4	6.4	6.0	13.9	12.8	13.1	13.8	13.7	14.2	10	0	12.1	0.0	0	0	0	0	0	0	1005.0	10.3	0.0	0.3	Number of days with 2010 normal Snow/sleet falling 0 0.0 50% snow cover 09GMT 0 0.0 Hail or ice pellets 0 0.2 Thunder 1 0.5 Gale 0 0.2 Fog at 09GMT 0 2.0 Air frost 2 0.8 Ground frost 5 4.5 0.2mm precipitator 15 14.0 1.0mm precipitator 10 11.4 5.0mm precipitation 4 4.6 No sunshine 8 6.6 21.7C on the 8th made this a very warm day for October - while on the 21st there was the first air frost of the winter. Overall this meant a very wide range of temperature for the month.		
02	7	00	00	41	08	11.6	96	16.1	9.3	8.0	12.2	12.5	13.3	13.8	13.9	14.1	10	0	16.2	3.8	0	0	0	0	0	0	1007.5	6.9	0.0	0.3			
03	7	15	05	25	97	16.1	96	16.7	9.8	9.2	14.1	13.8	14.4	13.9	14.0	14.1	20	0	2.8	0.9	0	0	0	0	0	0	995.0	5.5	0.0	0.6			
04	8	20	05	60	94	13.9	97	16.1	11.5	10.4	13.3	13.3	14.1	14.0	14.1	14.1	20	0	tr	0.0	0	0	0	0	0	0	1000.0	0.0	0.0	0.3			
05	7	18	02	02	97	15.4	91	17.8	10.3	8.8	13.4	13.4	13.6	14.0	14.0	14.1	10	0	5.2	0.3	0	0	0	0	0	0	1000.5	7.6	0.0	1.0			
06	8	22	05	02	96	13.5	95	17.2	13.4	12.3	13.9	14.2	14.4	14.2	14.2	14.1	10	0	0.0	6.9	0	0	0	0	0	0	1003.0	0.0	0.0	1.1			
07	5	15	02	02	96	11.5	90	18.0	6.2	5.4	10.8	11.3	13.1	14.0	14.2	14.1	10	0	0.1	6.7	0	0	0	0	0	0	1019.5	0.1	0.0	1.6			
08	8	09	05	10	96	17.2	94	21.7	11.5	7.2	14.2	14.0	13.9	14.0	14.0	14.1	10	0	0.0	6.0	0	0	0	0	0	0	1016.0	0.0	0.0	1.2			
09	8	15	09	02	96	15.3	92	17.6	15.2	14.4	14.6	14.6	14.6	14.4	14.1	14.1	10	0	0.0	0.0	0	0	0	0	0	0	1016.0	0.0	0.0	0.9			
10	8	09	13	02	96	14.4	94	20.9	14.0	13.1	14.1	14.3	14.5	14.3	14.1	10	0	0.0	6.1	0	0	0	0	0	0	0	1012.0	0.0	0.0	1.8			
11	6	06	02	03	97	13.7	72	18.3	10.6	9.1	11.7	12.3	13.6	14.2	14.3	14.2	10	0	0.0	9.8	0	0	0	0	0	0	1018.5	0.0	0.0	2.0			
12	2	05	02	02	97	11.6	81	14.1	8.3	7.3	10.7	11.4	12.9	13.8	14.3	14.3	10	0	0.0	4.5	0	0	0	0	0	0	1021.0	0.0	0.0	1.6			
13	8	04	05	02	97	11.0	82	12.4	9.0	8.1	11.3	11.7	12.6	13.8	13.8	14.2	10	0	0.0	0.1	0	0	0	0	0	0	1021.5	0.0	0.0	0.8			
14	8	36	02	02	97	10.0	71	11.3	9.5	8.6	10.7	10.8	12.0	13.0	13.5	14.0	10	0	0.1	0.0	0	0	0	0	0	0	1022.0	0.2	0.0	0.8			
15	8	33	02	20	96	11.3	94	13.3	9.5	8.8	11.2	11.2	12.4	12.6	13.3	13.9	10	0	0.7	0.0	0	0	0	0	0	0	1020.0	2.0	0.0	0.4			
16	7	32	05	02	97	10.7	85	13.1	6.6	6.1	9.8	10.1	11.6	12.5	13.1	13.6	10	0	0.7	4.4	0	0	0	0	0	0	1020.5	0.2	0.0	1.2			
17	7	33	02	02	97	10.1	90	14.1	1.4	0.8	7.2	7.8	10.1	11.7	12.6	13.6	10	0	0.1	4.1	0	0	0	0	0	0	1027.5	0.1	0.0	1.0			
18	8	18	02	02	96	8.8	89	14.9	3.2	2.5	7.9	8.1	10.0	11.4	12.2	13.4	10	0	1.3	2.0	0	0	0	0	0	0	1022.0	1.1	0.0	1.0			
19	3	27	02	03	97	10.0	95	14.0	5.5	5.0	9.1	9.6	10.9	11.4	12.1	13.2	10	0	2.6	5.3	0	0	0	1	0	0	1013.0	1.9	0.0	1.0			
20	0	31	02	02	97	6.6	76	10.5	2.4	0.0	6.8	7.3	9.2	11.1	12.0	13.0	10	0	0.0	9.6	0	0	0	0	0	0	1020.5	0.0	0.0	1.0			
21	0	22	02	02	97	5.9	88	12.7	-1.7	-2.0	4.4	4.1	7.5	10.0	11.3	12.9	10	0	0.0	5.7	0	0	0	0	0	0	1025.0	0.0	7.5	1.4			
22	7	18	02	03	96	7.0	97	12.5	4.3	-1.5	6.7	7.0	8.1	9.8	11.0	12.6	10	0	4.6	0.1	0	0	0	0	0	0	1020.5	3.6	0.0	0.8			
23	3	20	05	01	97	10.8	95	13.2	7.0	3.1	8.7	8.3	9.0	10.1	11.1	12.5	10	0	0.2	2.8	0	0	0	0	0	0	1003.0	0.2	0.0	0.6			
24	0	32	02	02	97	6.7	87	11.5	1.0	-0.9	6.2	6.6	8.2	10.1	10.9	12.2	10	0	0.0	8.2	0	0	0	0	0	0	1015.0	0.0	0.0	0.8			
25	0	36	02	02	97	6.2	86	12.7	0.8	-1.5	5.1	5.6	7.4	9.4	10.6	12.1	10	0	0.2	9.3	0	0	0	0	0	0	1029.5	0.2	2.0	1.4			
26	8	18	02	03	97	7.6	93	14.4	-0.7	-1.8	5.9	6.0	7.3	8.8	10.2	11.9	10	0	7.2	0.0	0	0	0	0	0	0	1024.5	7.7	4.0	1.0			
27	8	22	09	60	96	14.4	97	18.0	7.6	5.1	10.3	10.3	9.4	9.5	10.4	11.9	10	0	0.0	5.2	0	0	0	0	0	0	1017.5	0.0	0.0	0.9			
28	6	21	05	03	97	12.9	94	16.5	9.3	4.9	9.1	9.5	9.6	10.3	10.5	11.6	10	0	0.0	0.7	0	0	0	0	0	0	1017.0	0.0	0.0	1.1			
29	8	15	09	02	97	12.6	89	14.6	11.2	7.5	10.6	10.3	10.5	10.8	10.7	11.6	10	0	1.7	0.0	0	0	0	0	0	0	1002.5	2.2	0.0	1.1			
30	6	22	02	02	96	8.8	96	16.0	5.3	3.1	9.4	9.4	10.5	11.0	11.1	11.7	10	0	0.7	6.8	0	0	0	0	0	0	1000.0	0.4	0.0	1.3			
31	8	09	05	60	97	11.1	94	11.9	8.8	6.2	10.1	10.1	10.5	11.0	11.2	11.9	10	0	2.7	0.0	0	0	0	0	0	0	1000.0	6.0	0.0	0.2			
Monthly means						11.3	90	15.1	7.3	5.6	10.2	10.4	11.4	12.2	12.6	13.3												1014.0					
Monthly totals																					59.2	109.3							56.2	13.5	30.5		
Highest values						17.2		21.7	15.2	14.4	14.6	14.6	14.6	14.5	14.3	14.3				16.2	9.8								10.3	7.5	2.0		
Lowest values						5.9	71	10.5	-1.7	-2.0	4.4	4.1	7.3	8.8	10.2	11.6																	
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)

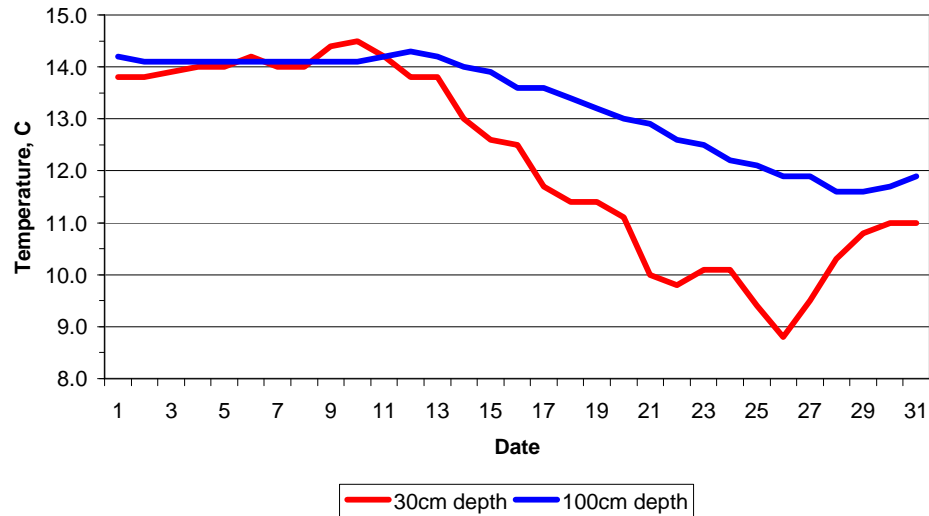
09GMT observations
 Temp temperature (degC) RH relative humidity (%)
 E state of ground (00 dry, 10 moist, 20 wet, 90 cracked) SS snow depth (cm)
 Press air pressure (mb)

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

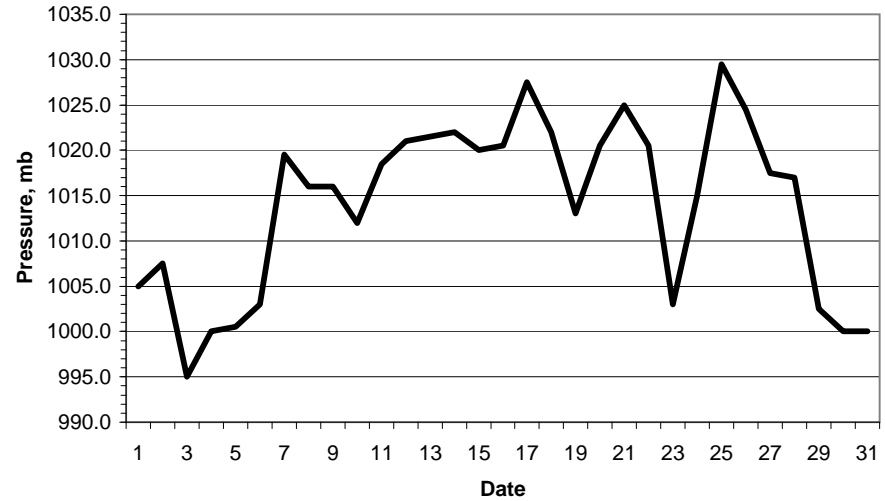
Days with
 S snow(5) or sleet(1) falling L 50% snow cover at 09GMT H hail or ice pellets
 T thunder heard G gale F fog at 09GMT

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

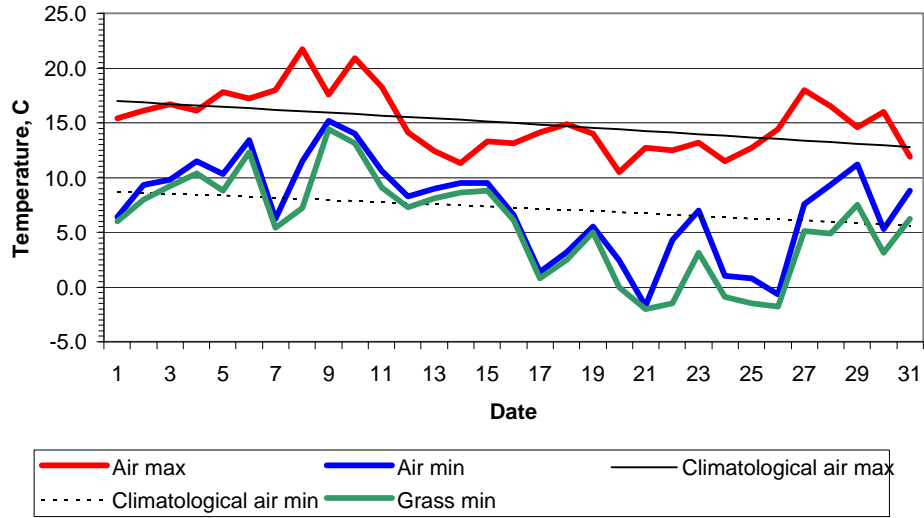
Daily soil temperatures, 0700GMT



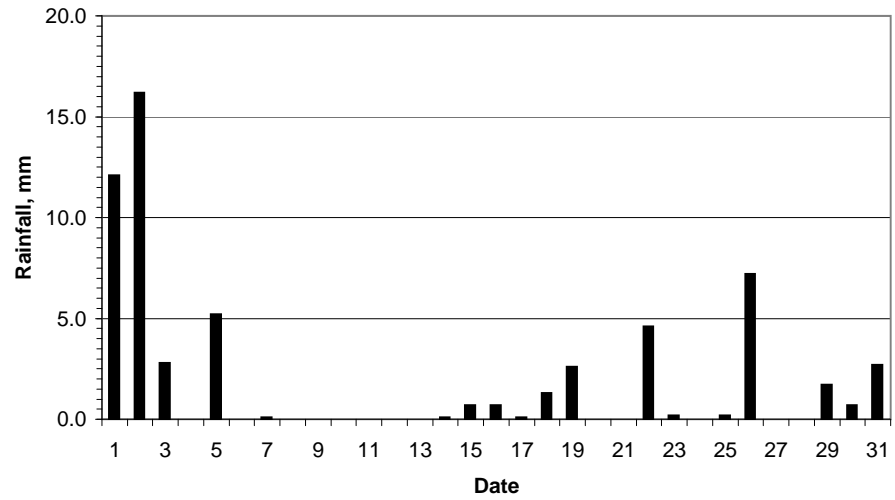
Mean sea level pressure, 0900GMT



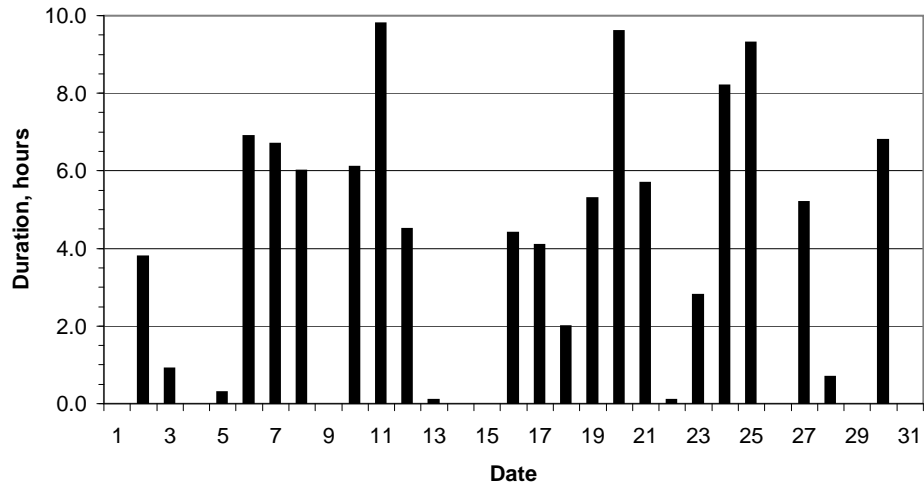
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

