

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR AUGUST 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 hrs	Fr. hrs	Pch Evap		
						Temp	RH	Max	Min	Gmin	5	10	20	30	50	100																	
01	7	23	05	02	97	18.1	79	22.6	13.5	11.7	17.7	17.6	18.4	18.5	18.3	16.8	90	0	tr	0.8	0	0	0	0	0	0	0	1012.5	0.0	0.0	2.4	Number of days with 2010 normal Snow/sleet falling 0 0.0 50% snow cover 09GMT 0 0.0 Hail or ice pellets 0 0.1 Thunder 2 2.0 Gale 0 0.0 Fog at 09GMT 0 0.3 Air frost 0 0.0 Ground frost 0 0.0 0.2mm precipitation 15 10.1 1.0mm precipitation 13 7.1 5.0mm precipitation 5 3.2 No sunshine 3 1.6 August was a cool month by day, and rather wet and dull. It was the dullest August since 2008, the wettest since 2001 and the coldest since 1993. The rainfall days of the 22nd and 25th were especially wet while the last day of the month was the sunniest - despite the shortening days as the month progressed.	
02	7	30	02	02	97	18.4	65	23.6	15.2	13.9	17.1	17.7	18.5	18.5	18.3	16.8	90	0	0.0	2.5	0	0	0	0	0	0	1017.0	0.0	0.0	2.7			
03	4	27	02	01	97	18.5	63	22.6	10.7	9.1	15.9	16.7	18.1	18.4	18.3	16.9	90	0	0.0	2.9	0	0	0	0	0	0	1016.5	0.0	0.0	2.7			
04	8	22	02	02	97	17.4	74	20.1	14.5	13.6	17.4	17.9	18.7	18.5	18.4	16.9	90	0	4.1	4.0	0	0	0	1	0	0	1007.5	1.6	0.0	1.3			
05	3	27	05	02	97	18.4	61	21.8	10.1	8.5	13.7	15.0	16.8	17.8	18.1	16.8	20	0	tr	6.5	0	0	0	0	0	0	1013.0	0.0	0.0	3.1			
06	5	18	05	03	96	18.7	61	20.1	9.6	8.1	15.1	15.6	17.0	17.6	18.1	16.8	90	0	1.9	2.6	0	0	0	0	0	0	1015.0	1.9	0.0	1.7			
07	7	22	02	01	97	18.1	84	22.4	15.4	15.1	17.3	17.3	17.8	17.7	17.6	16.7	10	0	1.5	1.0	0	0	0	0	0	0	1013.5	0.7	0.0	1.0			
08	8	23	02	02	97	22.4	58	24.4	13.1	11.5	15.2	16.5	17.4	17.8	17.7	16.6	10	0	0.0	7.3	0	0	0	0	0	0	1020.5	0.0	0.0	2.8			
09	6	18	02	02	97	19.9	50	25.1	13.2	11.0	16.2	16.7	17.7	17.7	18.2	16.6	90	0	4.0	9.2	0	0	0	0	0	0	1010.5	2.8	0.0	3.0			
10	8	20	05	61	96	15.1	91	17.9	14.4	14.0	17.9	18.1	18.6	18.6	18.8	16.7	10	0	7.5	0.0	0	0	0	0	0	0	1014.0	5.0	0.0	0.4			
11	6	27	02	02	97	16.8	90	22.1	10.2	9.0	14.6	15.2	17.1	17.1	17.8	16.8	10	0	0.0	4.2	0	0	0	0	0	0	1016.0	0.0	0.0	1.8			
12	8	22	02	02	97	16.2	71	19.6	11.6	9.8	15.4	15.7	16.9	16.9	17.6	16.8	10	0	1.1	0.6	0	0	0	0	0	0	1018.0	1.3	0.0	1.3			
13	7	27	05	02	97	13.8	75	16.3	11.2	9.8	14.5	15.0	16.2	16.2	16.9	16.6	10	0	4.8	0.2	0	0	0	0	0	0	1017.5	3.3	0.0	1.0			
14	7	27	09	02	97	14.9	89	18.8	12.8	11.7	15.4	15.3	16.0	16.0	16.5	16.5	10	0	14.1	1.1	0	0	0	1	0	0	1021.0	4.8	0.0	0.2			
15	6	04	09	02	97	18.8	77	23.0	12.8	11.3	15.8	15.6	15.6	15.6	16.3	16.4	10	0	0.0	8.3	0	0	0	0	0	0	1017.5	0.0	0.0	2.1			
16	6	36	09	02	97	15.4	77	24.6	12.0	10.4	14.6	14.9	16.0	16.0	16.6	16.2	10	0	0.8	6.7	0	0	0	0	0	0	1012.0	0.0	0.0	2.7			
17	8	29	05	02	97	15.0	92	19.6	15.0	13.7	16.1	16.1	16.5	16.9	16.7	16.2	10	0	0.0	3.3	0	0	0	0	0	0	1008.5	0.0	0.0	1.2			
18	2	27	05	02	97	16.8	70	21.1	11.9	10.0	14.7	15.4	16.2	16.9	16.7	16.1	10	0	tr	5.8	0	0	0	0	0	0	1012.5	0.0	0.0	1.9			
19	7	22	02	02	97	17.8	66	20.8	11.6	9.8	15.1	15.0	16.1	16.6	16.8	16.1	10	0	0.1	3.7	0	0	0	0	0	0	1014.5	0.1	0.0	2.5			
20	8	18	02	02	97	19.2	88	21.1	15.8	13.3	16.9	16.7	16.9	16.8	16.7	16.1	10	0	0.0	0.1	0	0	0	0	0	0	1018.5	0.0	0.0	1.3			
21	8	22	09	02	97	21.4	83	23.1	19.2	17.0	18.3	18.2	17.9	17.4	16.9	16.1	10	0	1.4	1.3	0	0	0	0	0	0	1015.0	0.7	0.0	1.5			
22	7	23	02	21	97	20.2	88	22.9	17.6	17.0	18.6	18.3	18.2	17.8	17.3	16.2	10	0	25.4	2.5	0	0	0	0	0	0	999.5	10.7	0.0	1.2			
23	7	32	13	02	96	17.1	96	20.3	16.7	16.0	17.9	18.2	18.4	18.0	17.4	16.2	10	0	3.8	3.7	0	0	0	0	0	0	1008.0	1.0	0.0	1.1			
24	1	27	09	02	97	17.1	72	20.6	9.8	9.3	14.4	15.0	16.5	17.5	17.3	16.4	10	0	0.1	10.9	0	0	0	0	0	0	1015.0	0.1	0.0	2.9			
25	8	22	05	03	97	15.8	83	17.8	10.7	9.9	14.5	14.9	16.1	17.0	17.1	16.4	10	0	23.0	0.0	0	0	0	0	0	0	1015.0	18.0	0.0	0.4			
26	8	22	05	21	96	18.2	97	19.2	13.8	13.4	16.4	16.2	16.1	16.4	16.6	16.4	10	0	7.9	0.0	0	0	0	0	0	0	1005.0	15.0	0.0	0.3			
27	8	36	09	60	96	14.0	92	18.2	11.7	11.5	15.0	15.1	16.0	16.6	16.6	16.3	10	0	tr	3.0	0	0	0	0	0	0	1009.5	0.0	0.0	1.0			
28	1	34	09	02	97	18.1	63	21.1	9.6	8.0	13.3	13.9	15.3	16.1	16.3	16.1	10	0	tr	9.8	0	0	0	0	0	0	1020.5	0.0	0.0	2.4			
29	7	36	13	03	97	18.3	71	19.2	11.4	10.0	14.9	14.9	15.5	16.1	16.2	16.0	10	0	0.4	5.0	0	0	0	0	0	0	1016.5	1.4	0.0	2.5			
30	0	33	13	02	97	16.8	70	19.9	8.7	7.1	12.7	12.8	14.3	15.6	16.2	16.0	10	0	0.0	8.6	0	0	0	0	0	0	1023.5	0.0	0.0	1.7			
31	0	36	05	02	97	17.6	73	20.9	6.8	6.6	12.2	12.8	14.4	15.5	16.0	15.9	10	0	0.0	11.9	0	0	0	0	0	0	1027.0	0.0	0.0	1.7			
Monthly means						17.6	76	21.0	12.6	11.3	15.6	15.9	16.8	17.1	17.2	16.4												1014.5					
Monthly totals																					101.9	127.5							68.4	0.0	53.8		
Highest values						22.4		25.1	19.2	17.0	18.6	18.3	18.7	18.6	18.8	16.9			25.4	11.9									18.0	0.0	3.1		
Lowest values						13.8	50	16.3	6.8	6.6	12.2	12.8	14.3	15.5	16.0	15.9																	
1971-2000 monthly climatological averages						76	22.4	12.6	10.5	16.0	16.7	17.7	17.8	17.3	16.4			54.2	188.5										1016.8	32.1	0.0	78.7	

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	21	recent rain
2	sky not changing	25	recent rain shower
3	cloud increasing	50	intermittent slight drizzle
5	haze	61	continuous light rain
10	mist	63	continuous moderate 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

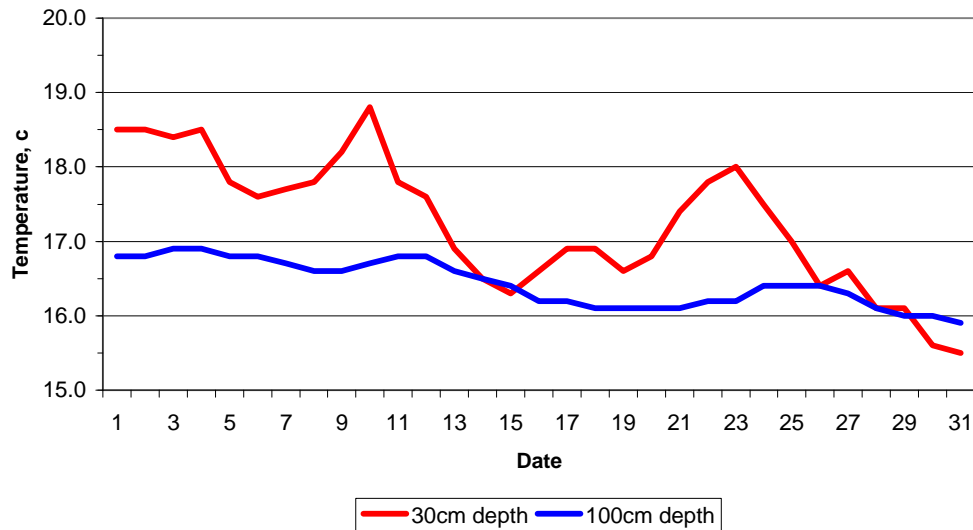
Max	maximum temperature (degC) beginning 09GMT	Min	minimum temperature (degC) ending 09GMT
Gmin	grass minimum temperature (degC) ending 09GMT	Rain	precipitation beginning 09GMT
Sun	sunshine (hours) sunrise-sunset	Rain hrs	hours of rainfall (>0.1mm/h) 09-09GMT
Fr. Hrs	hours of air frost (00-24GMT)	Pch Evap	Piche evaporation (ml) beginning 09GMT

Days with

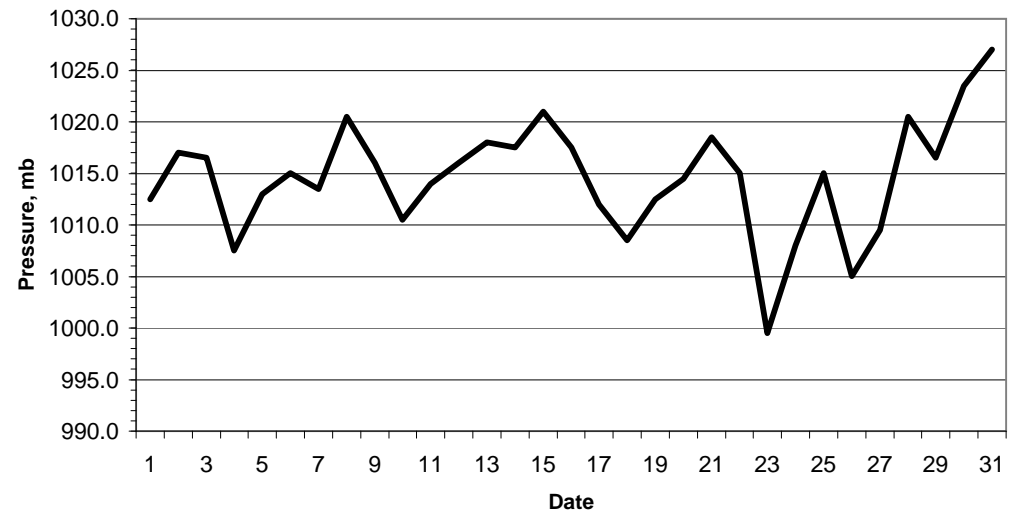
S	snow(5) or sleet(1) falling	L	50% snow cover at 09GMT	H	hail or ice pellets
T	thunder heard	G	gale	F	fog at 09GMT

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

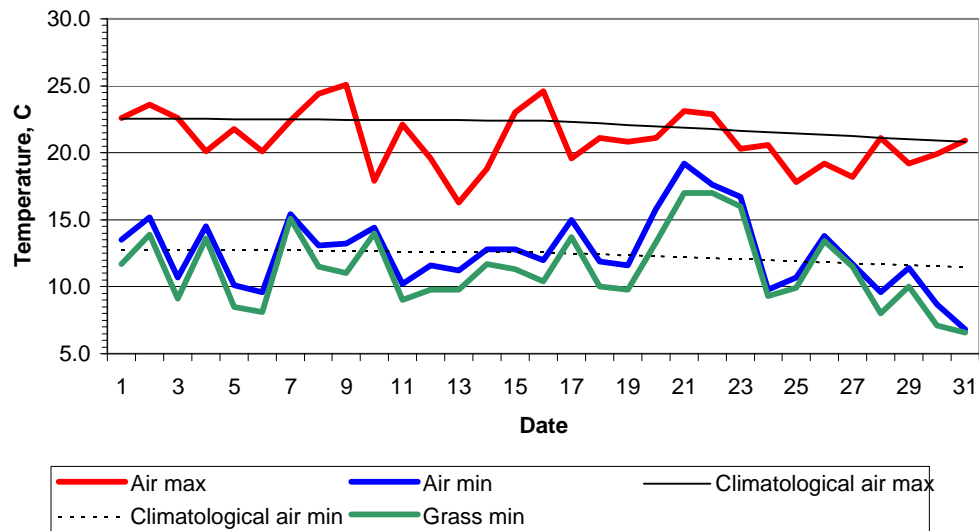
Daily soil temperatures, 0700GMT



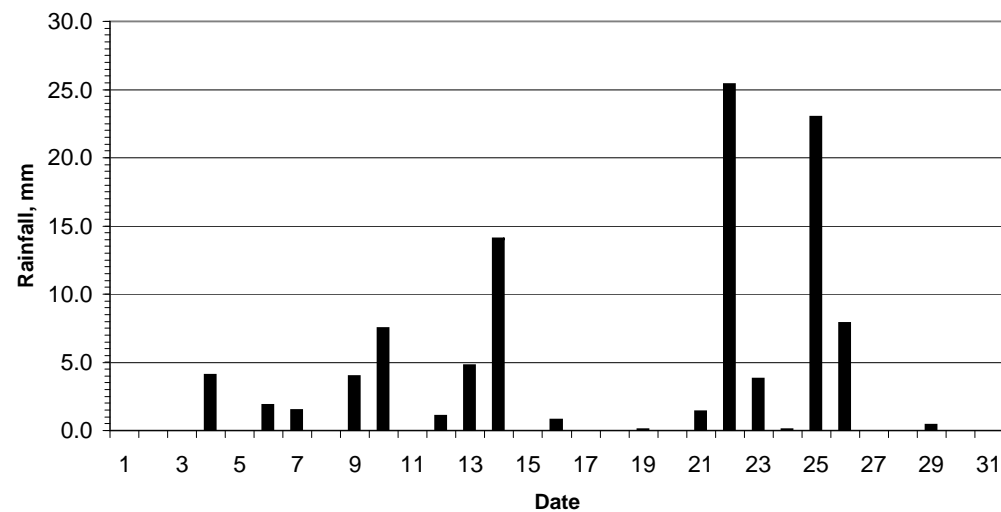
Mean sea level pressure, 0900GMT



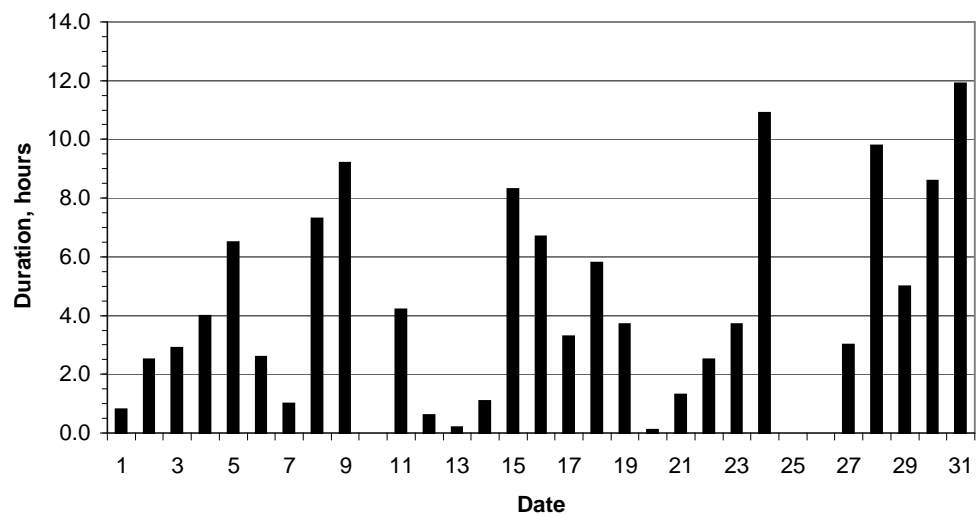
### Daily temperature extremes



### Daily rainfall



### Daily sunshine



### Daily evaporation

