

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR AUGUST 2008

						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	2	23	09	02	97	19.7	63	22.5	15.0	15.2	17.7	18.4	19.2	19.2	18.8	17.0	10	0	1.6	8.3	0	0	0	0	0	0	1010.5	1.0	0.0	2.2	Number of				
02	8	18	02	50	97	17.9	89	23.0	16.4	16.2	18.2	18.4	19.0	19.1	18.5	17.0	10	0	1.1	5.9	0	0	0	0	0	0	1011.5	2.0	0.0	2.0	days with				
03	7	20	05	02	96	21.8	82	21.9	14.0	14.7	18.3	18.1	18.3	18.5	18.3	17.0	10	0	5.6	0.6	0	0	0	0	0	0	1010.0	4.0	0.0	0.8	2008	normal			
04	4	27	05	01	97	17.8	76	21.4	11.3	12.9	15.6	16.2	17.5	18.3	18.1	17.0	10	0	1.0	4.8	0	0	0	0	0	0	1010.0	3.0	0.0	1.8	Snow/sleet falling				
05	8	17	05	63	95	15.8	92	19.7	12.9	12.0	15.5	15.7	17.3	18.4	17.9	16.9	10	0	2.6	0.0	0	0	0	0	0	0	1013.5	3.3	0.0	0.7	0	0.0			
06	8	22	05	02	97	19.7	82	25.3	15.8	17.0	18.0	18.2	18.6	18.5	17.7	17.0	10	0	1.3	2.5	0	0	0	0	0	0	1012.0	3.5	0.0	1.5	50% snow cover 09GMT				
07	8	24	05	02	97	18.9	81	24.8	15.8	15.0	17.4	17.6	18.6	18.8	18.0	16.9	10	0	4.5	3.5	0	0	0	0	0	0	1005.5	3.4	0.0	1.1	0	0.0			
08	7	34	05	02	96	16.5	84	19.0	14.6	15.0	17.0	17.2	18.4	18.9	18.2	17.0	10	0	0.1	0.5	0	0	0	0	0	0	1010.0	0.2	0.0	1.0	Hail or ice pellets				
09	7	23	05	02	97	17.6	65	17.8	12.5	12.0	16.3	16.5	17.4	17.4	18.5	16.9	10	0	5.3	2.5	0	0	0	0	0	0	1013.0	6.4	0.0	1.0	0	0.1			
10	4	23	09	02	97	17.4	67	22.2	15.2	15.0	16.8	17.0	17.5	17.5	18.1	16.9	10	0	1.0	8.1	0	0	0	0	0	0	1004.0	1.4	0.0	1.8	Thunder				
11	7	24	02	02	97	18.3	70	20.0	14.5	14.0	16.1	16.3	17.5	17.5	18.1	16.8	10	0	6.6	1.6	0	0	0	0	0	0	1004.0	2.9	0.0	1.5	1	2.0			
12	6	25	05	02	97	17.2	81	21.5	14.0	13.0	16.4	16.6	17.1	17.1	17.8	16.8	10	0	8.1	6.8	0	0	0	1	0	0	988.5	8.0	0.0	2.2	Gale				
13	7	23	09	02	96	17.4	65	18.9	10.8	12.0	14.8	15.0	16.1	16.1	17.4	16.7	10	0	1.2	3.7	0	0	0	0	0	0	997.5	1.6	0.0	1.6	0	0.0			
14	2	27	05	02	97	17.1	66	21.5	10.3	9.0	14.2	14.4	15.1	15.1	16.7	16.6	10	0	0.0	11.0	0	0	0	0	0	0	1013.0	6.0	0.0	1.6	Fog at 09GMT				
15	2	27	02	02	97	16.5	67	21.9	8.2	10.8	14.4	14.6	15.1	15.1	16.7	16.6	10	0	0.0	11.0	0	0	0	0	0	0	1016.5	6.0	0.0	2.2	1	0.3			
16	6	15	05	02	97	18.2	73	21.0	12.2	11.0	15.4	15.6	16.6	16.6	17.1	16.4	10	0	1.0	2.0	0	0	0	0	0	0	1009.5	4.7	0.0	2.2	Air frost				
17	4	26	05	02	97	18.2	55	21.5	14.9	15.0	16.6	16.8	17.2	17.1	16.8	16.3	10	0	4.7	4.8	0	0	0	0	0	0	1005.5	2.5	0.0	1.9	0	0.0			
18	6	22	09	02	97	17.6	81	20.8	13.6	13.0	16.3	16.5	17.2	17.3	16.9	16.3	10	0	2.5	2.0	0	0	0	0	0	0	1002.0	2.8	0.0	1.6	Ground frost				
19	7	23	09	02	97	17.5	70	20.9	14.6	13.0	14.7	14.9	16.6	17.0	16.9	16.3	10	0	1.2	1.8	0	0	0	0	0	0	1002.0	1.8	0.0	1.7	0	0.0			
20	7	27	05	02	97	17.7	75	22.6	14.5	13.0	15.5	15.7	16.7	17.0	16.9	16.2	10	0	0.8	1.5	0	0	0	0	0	0	1010.5	1.2	0.0	1.7	0.2mm precipitation				
21	7	23	02	21	97	17.2	80	21.4	14.7	13.5	16.6	16.7	17.0	17.2	16.8	16.2	10	0	0.7	4.3	0	0	0	0	0	0	1013.5	0.5	0.0	1.9	21	10.1			
22	8	22	05	60	97	16.1	82	21.0	14.3	11.5	16.1	16.3	17.1	17.1	16.9	16.2	10	0	tr	8.5	0	0	0	0	0	0	1015.5	0.0	0.0	1.5	1.0mm precipitation				
23	2	27	02	02	97	15.0	60	21.7	8.9	6.4	14.1	14.6	16.0	16.9	17.0	16.2	10	0	2.4	8.4	0	0	0	0	0	0	1017.0	1.6	0.0	2.8	18	7.1			
24	1	22	02	60	96	15.3	95	21.6	14.0	13.1	15.9	16.2	17.0	17.2	17.0	16.2	10	0	0.1	4.3	0	0	0	0	0	0	1008.5	0.1	0.0	0.8	5.0mm precipitation				
25	2	22	05	02	97	18.0	85	20.7	12.5	10.5	16.1	16.2	16.7	17.0	17.1	16.1	10	0	tr	1.5	0	0	0	0	0	0	1012.0	0.0	0.0	2.0	5	3.2			
26	8	23	09	02	97	17.7	88	19.8	15.6	13.9	16.6	16.7	17.1	16.8	17.0	16.2	10	0	tr	0.0	0	0	0	0	0	0	1019.5	0.0	0.0	1.2	No sunshine				
27	8	26	05	60	97	17.4	86	19.7	16.3	14.4	16.8	16.9	17.2	17.1	17.0	16.2	10	0	tr	0.1	0	0	0	0	0	0	1021.0	0.0	0.0	1.1	3	1.6			
28	8	23	02	02	97	16.8	84	21.4	16.0	15.5	16.9	17.1	17.2	17.1	17.0	16.2	10	0	0.0	0.9	0	0	0	0	0	0	1021.0	0.0	0.0	1.1	A dull and anticyclonic summer month. Mean pressure was one of the three lowest values for August since 1961 (with 1963 and 2004). It was the dullest August since 1958. Although the rainfall amount was only slightly above average, the number of rain days was the most in August since before 1981.				
29	8	24	02	02	97	19.6	89	23.1	16.4	16.0	17.6	17.7	17.8	17.4	17.1	16.2	10	0	0.0	0.0	0	0	0	0	0	0	1020.5	0.0	0.0	1.6					
30	7	14	05	02	97	20.2	82	26.9	17.5	17.0	18.1	18.2	18.2	17.6	17.3	16.2	00	0	0.5	8.8	0	0	0	0	0	0	1017.0	0.5	0.0	2.4					
31	8	00	00	21	03	15.5	96	20.9	12.8	11.4	16.6	16.9	17.9	18.0	17.7	16.4	10	0	13.1	0.3	0	0	0	0	0	1	1010.5	5.4	0.0	0.3					
Monthly means						17.7	78	21.5	13.9	13.3	16.3	16.6	17.3	17.4	17.5	16.5											1010.5								
Monthly totals																										67.0	120.0	73.8	0.0	48.8					
Highest values						21.8		26.9	17.5	17.0	18.3	18.4	19.2	19.2	18.8	17.0											13.1	11.0	8.0	0.0	2.8				
Lowest values						15.0	55	17.8	8.2	6.4	14.1	14.4	15.1	15.1	16.7	16.1																			
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

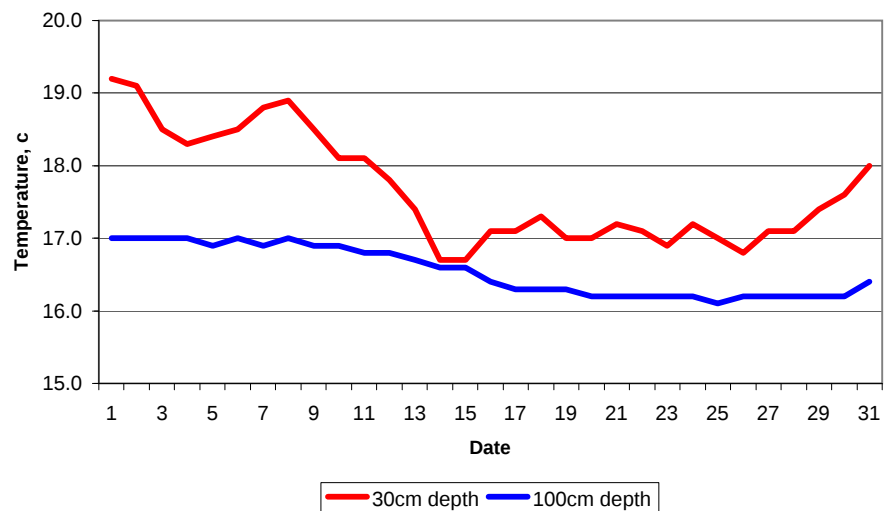
Max	maximum temperature (degC) beginning 09GMT	Min	minimum temperature (degC) ending 09GMT
Gmin	grass minimum temperature (degC) ending 09GMT	Rain	precipitation beginning 09GMT
Sun	sunshine (hours) sunrise-sunset	Rain hrs	hours of rainfall (>0.1mm/h) 09-09GMT
Fr. Hrs	hours of air frost (00-24GMT)	Pch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

Days with

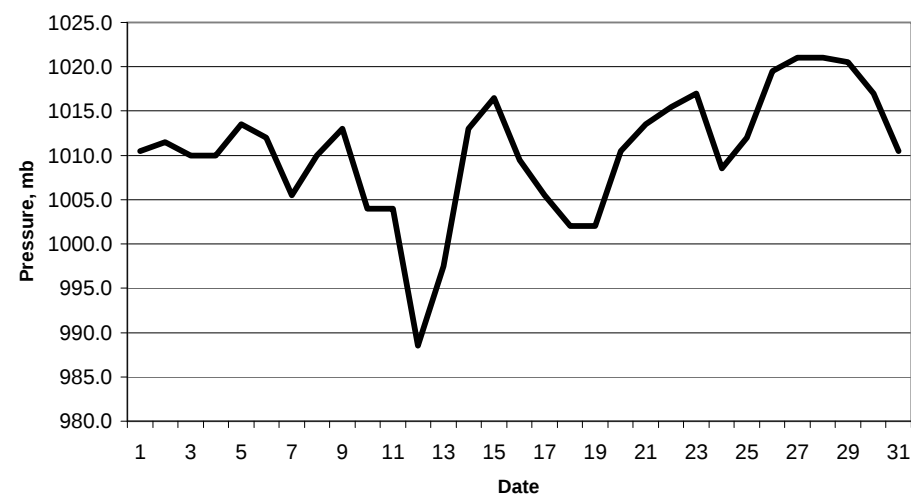
S	snow(5) or sleet(1) falling	L	50% snow cover at 09GMT	H	hail or ice pellets
T	thunder heard	G	gale	F	fog at 09GMT

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

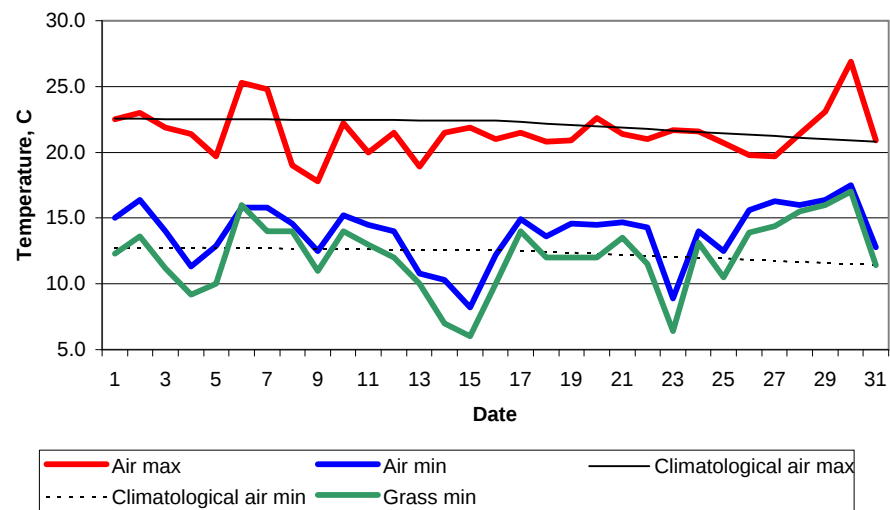
Daily soil temperatures, 0700GMT



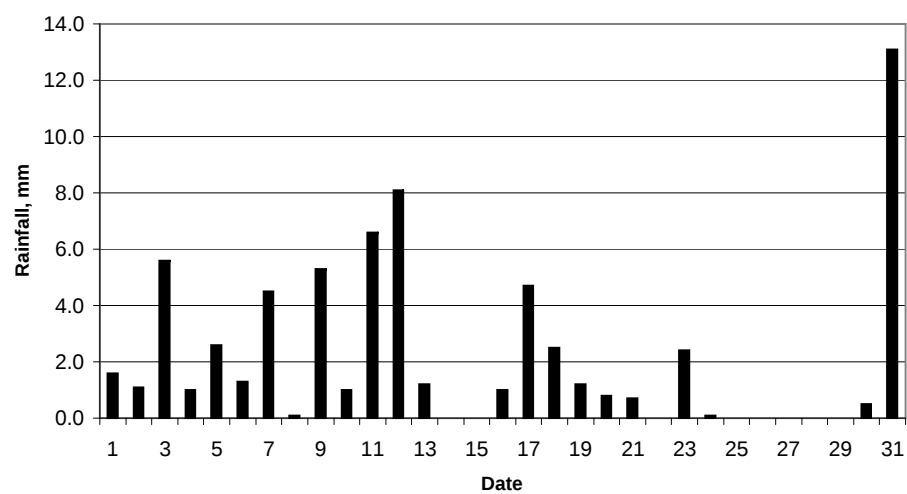
Mean sea level pressure, 0900GMT



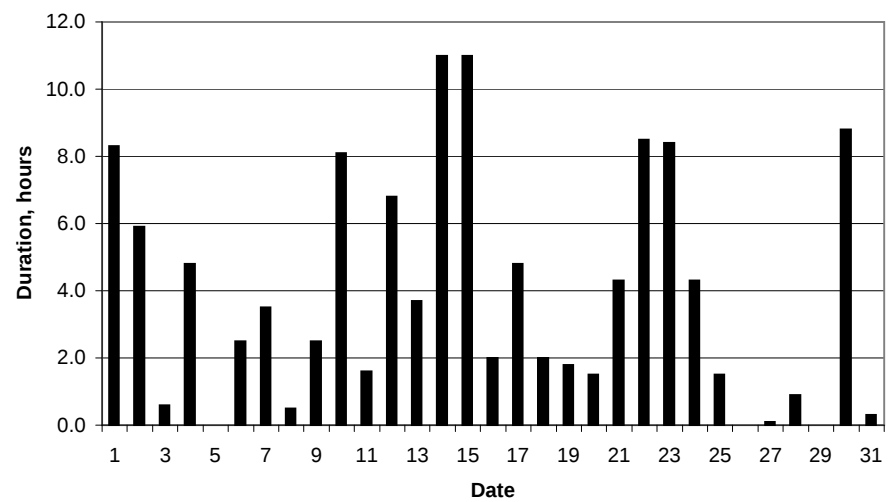
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

