

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR JULY 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	19	02	02	97	21.4	69	26.4	12.7	10.8	18.3	18.4	19.3	19.0	18.2	15.8	90	0	0.0	2.7	0	0	0	0	0	0	0	0	1015.0	0.0	0.0	3.6	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 0 2.0 Gale 0 0.0 Fog at 09GMT 0 0.0 Air frost 0 0.0 Ground frost 0 0.0 0.2mm precipitation 12 10.7 1.0mm precipitation 7 7.5 5.0mm precipitation 0 2.3 No sunshine 1 1.5 July was warmer than average with 30C reached on the 9th. Drier and also duller than average - no thunder and only 12.5h of sunshine on the sunniest day. Rai fell frequently but amounts were mostly small.	
02	8	18	05	02	97	21.0	75	24.2	17.5	16.0	19.7	19.9	20.0	19.3	18.1	15.9	90	0	0.1	2.4	0	0	0	0	0	0	0	1010.0	0.1	0.0	2.3			
03	5	27	02	03	97	22.3	56	26.1	15.0	13.7	18.4	18.6	19.5	19.0	18.1	16.0	90	0	0.0	11.7	0	0	0	0	0	0	0	1018.0	0.0	0.0	3.1			
04	0	22	05	02	97	20.7	55	24.0	11.4	9.5	17.1	17.9	19.3	19.3	18.2	16.0	90	0	tr	8.4	0	0	0	0	0	0	0	1020.5	0.0	0.0	3.2			
05	7	25	02	02	97	20.2	61	24.2	12.2	11.0	18.2	18.5	19.5	19.3	18.3	16.1	90	0	0.0	9.5	0	0	0	0	0	0	0	1020.5	0.0	0.0	3.6			
06	7	23	02	03	97	20.2	55	23.7	9.8	8.9	16.6	17.4	18.9	19.0	18.3	16.2	90	0	tr	8.0	0	0	0	0	0	0	0	1026.0	0.0	0.0	3.9			
07	8	22	05	60	97	17.1	89	21.8	13.7	13.1	18.4	18.9	19.5	19.1	18.4	16.3	90	0	0.3	0.1	0	0	0	0	0	0	1020.0	0.3	0.0	1.5				
08	8	22	02	52	97	17.8	91	25.6	16.5	16.2	18.9	18.9	19.1	18.7	18.3	16.3	90	0	0.0	5.8	0	0	0	0	0	0	0	1019.5	0.0	0.0	2.6			
09	7	23	02	02	97	21.5	71	30.3	13.7	11.7	18.2	18.3	19.1	18.9	18.0	16.3	90	0	0.0	10.1	0	0	0	0	0	0	0	1016.5	0.0	0.0	3.4			
10	7	23	05	02	97	24.3	61	28.0	17.0	14.5	20.0	20.1	20.3	19.8	18.5	16.4	90	0	0.0	11.4	0	0	0	0	0	0	0	1018.5	0.0	0.0	3.5			
11	6	20	05	02	97	24.6	55	26.6	17.2	15.0	20.7	20.4	20.4	20.0	18.9	16.5	90	0	1.1	10.5	0	0	0	0	0	0	0	1013.5	0.8	0.0	3.5			
12	8	21	02	02	97	17.6	88	23.1	16.7	15.7	20.0	20.2	20.6	20.4	19.2	16.6	90	0	0.7	4.0	0	0	0	0	0	0	0	1012.0	1.8	0.0	2.2			
13	8	04	02	02	97	16.4	92	20.1	14.4	14.0	17.7	18.4	19.5	19.6	19.1	16.8	10	0	2.8	0.0	0	0	0	0	0	0	0	1009.5	1.0	0.0	0.8			
14	7	13	05	02	97	20.1	73	21.3	15.2	14.7	17.7	17.8	18.4	18.6	18.4	16.8	10	0	4.4	1.4	0	0	0	0	0	0	0	1004.0	4.5	0.0	1.5			
15	8	20	13	02	97	18.6	76	21.1	15.1	14.5	16.8	17.1	17.9	18.2	18.2	16.5	10	0	2.5	5.9	0	0	0	0	0	0	0	1004.0	4.6	0.0	2.7			
16	5	23	09	02	97	18.1	73	21.5	12.5	12.0	15.4	17.2	17.3	17.9	17.6	16.6	10	0	2.4	6.8	0	0	0	0	0	0	0	1008.0	2.0	0.0	2.3			
17	5	18	09	02	97	19.3	40	21.0	12.7	12.2	16.6	16.6	17.2	17.8	17.6	16.7	10	0	tr	10.1	0	0	0	0	0	0	0	1017.5	0.0	0.0	2.6			
18	8	20	02	02	97	16.3	69	22.3	10.2	9.0	14.9	15.6	16.9	17.5	17.6	16.4	10	0	0.0	5.9	0	0	0	0	0	0	0	1025.0	0.0	0.0	2.6			
19	7	18	05	02	97	20.1	55	26.5	13.7	13.2	18.1	18.6	17.8	18.1	17.6	16.3	10	0	0.0	7.5	0	0	0	0	0	0	0	1022.0	0.0	0.0	4.9			
20	7	16	02	02	97	20.1	45	26.8	15.9	14.5	20.0	20.1	18.8	19.1	17.7	16.3	10	0	0.2	4.0	0	0	0	0	0	0	0	1012.5	1.5	0.0	4.1			
21	4	22	09	02	97	19.4	60	23.6	15.6	14.5	19.8	20.0	19.3	19.6	17.9	16.4	10	0	0.0	12.5	0	0	0	0	0	0	0	1006.0	0.0	0.0	3.3			
22	7	18	05	63	97	17.3	88	20.3	12.5	10.0	18.4	18.9	19.1	19.1	18.0	16.4	10	0	2.0	4.0	0	0	0	0	0	0	0	1010.0	3.0	0.0	0.5			
23	8	04	05	50	97	15.1	85	19.9	14.0	12.0	15.6	16.1	18.3	18.6	18.0	16.5	10	0	0.0	2.0	0	0	0	0	0	0	0	1019.0	0.0	0.0	1.6			
24	1	23	05	02	97	18.3	61	23.6	11.6	10.5	17.3	17.6	17.9	18.1	18.1	16.5	00	0	0.0	8.5	0	0	0	0	0	0	0	1022.5	0.0	0.0	3.0			
25	8	25	05	02	97	18.0	78	24.0	15.4	14.0	18.5	18.9	18.5	18.8	18.2	16.5	00	0	0.0	2.5	0	0	0	0	0	0	0	1017.5	0.0	0.0	2.5			
26	8	27	02	02	96	20.1	86	24.4	16.8	16.5	18.5	19.0	19.2	18.9	18.2	16.6	10	0	0.3	1.6	0	0	0	0	0	0	0	1016.0	0.9	0.0	1.4			
27	8	22	02	02	97	22.1	82	25.3	16.1	13.0	18.3	18.7	18.9	18.7	18.3	16.6	90	0	0.3	2.0	0	0	0	0	0	0	0	1017.0	0.7	0.0	2.2			
28	5	30	05	02	97	22.4	58	25.0	13.9	12.5	19.0	19.4	19.0	18.8	18.3	16.6	90	0	0.0	7.0	0	0	0	0	0	0	0	1017.5	0.0	0.0	3.3			
29	7	29	05	02	97	19.5	70	23.0	13.6	12.0	18.5	18.9	18.7	18.6	18.2	16.6	90	0	0.0	3.5	0	0	0	0	0	0	0	1016.5	0.0	0.0	2.3			
30	6	33	02	02	97	18.6	55	22.6	11.0	8.9	18.2	18.6	18.4	18.3	18.1	16.6	10	0	2.3	2.5	0	0	0	0	0	0	0	1015.5	3.2	0.0	2.3			
31	8	27	02	21	96	21.5	80	24.0	17.1	16.7	18.8	18.8	19.0	18.6	18.2	16.8	10	0	0.0	6.4	0	0	0	0	0	0	0	1011.0	0.0	0.0	2.4			
Monthly means						19.7	69	23.9	14.2	12.9	18.1	18.5	18.9	18.9	18.2	16.4													1015.5					
Monthly totals																				19.4	178.7								24.4	0.0	82.7			
Highest values						24.6		30.3	17.5	16.7	20.7	20.4	20.6	20.4	19.2	16.8			4.4	12.5								4.6	0.0	4.9				
Lowest values						15.1	40	19.9	9.8	8.9	14.9	15.6	16.9	17.5	17.6	15.8																		
1971-2000 monthly climatological averages						74	22.7	13.0	11.0	16.3	16.8	17.7	17.5	16.6	15.3			39.7	193.4										1017.1	29.5	0.0	78.5		

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	25	recent rain shower
2	sky not changing	51	intermittent slight drizzle
3	cloud increasing	60	intermittent slight rain
21	recent rain	80	light rain shower
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)		

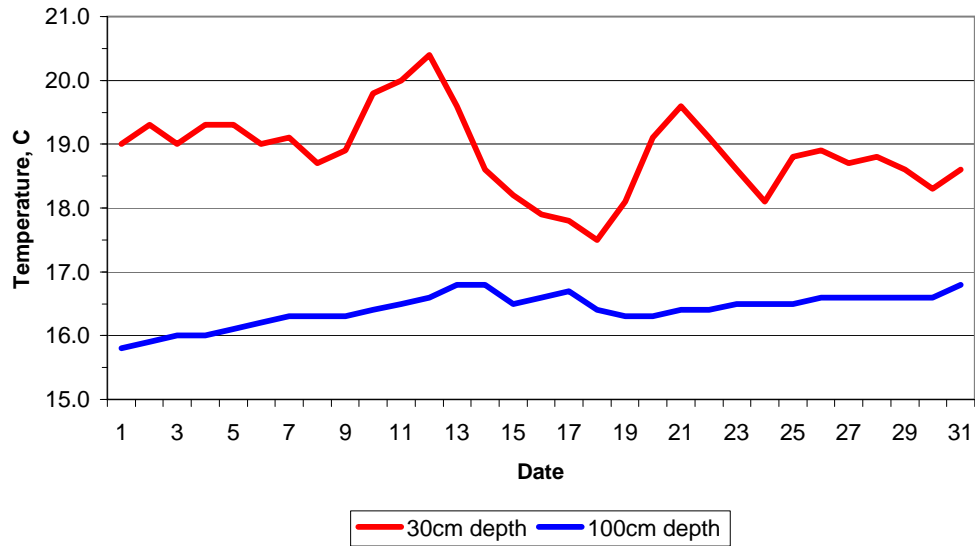
24 hour readings

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

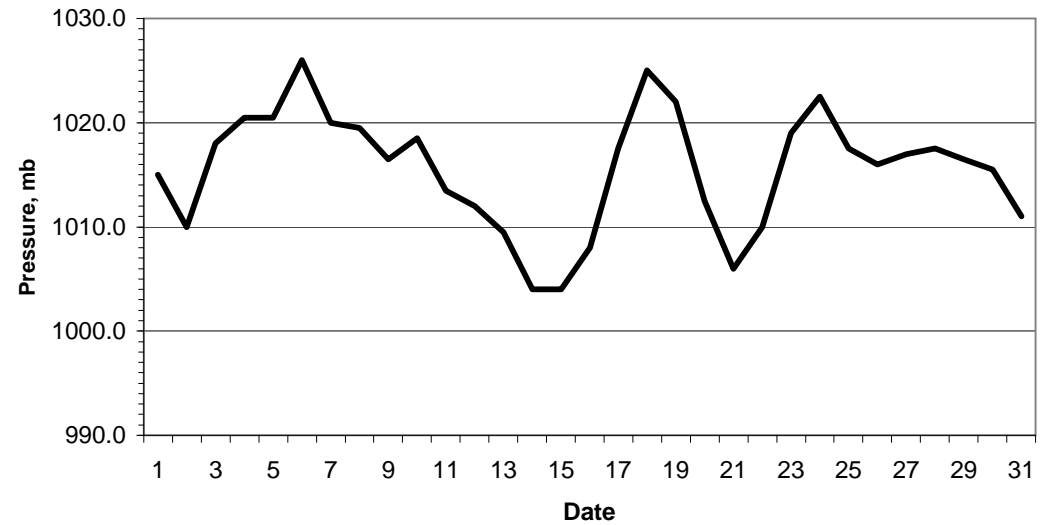
Days with

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

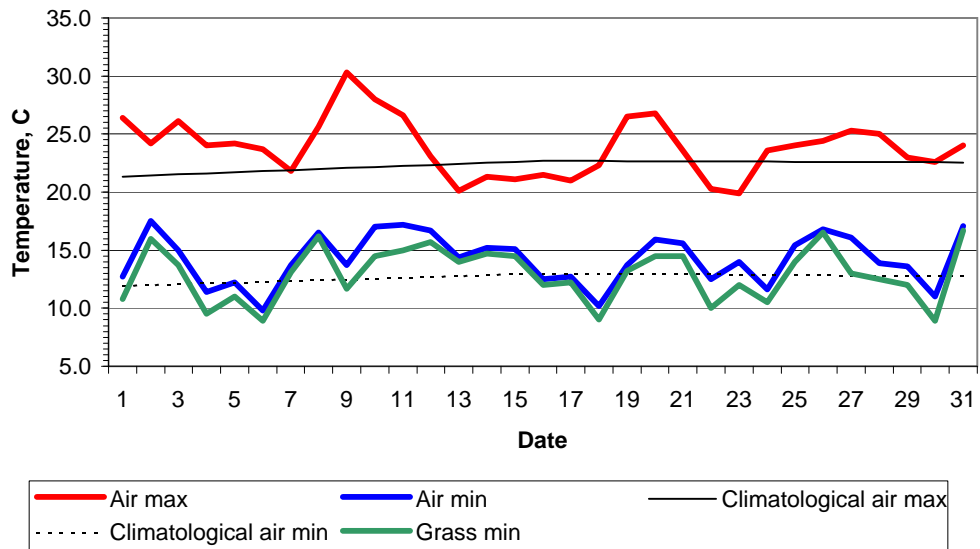
Daily soil temperatures, 0700GMT



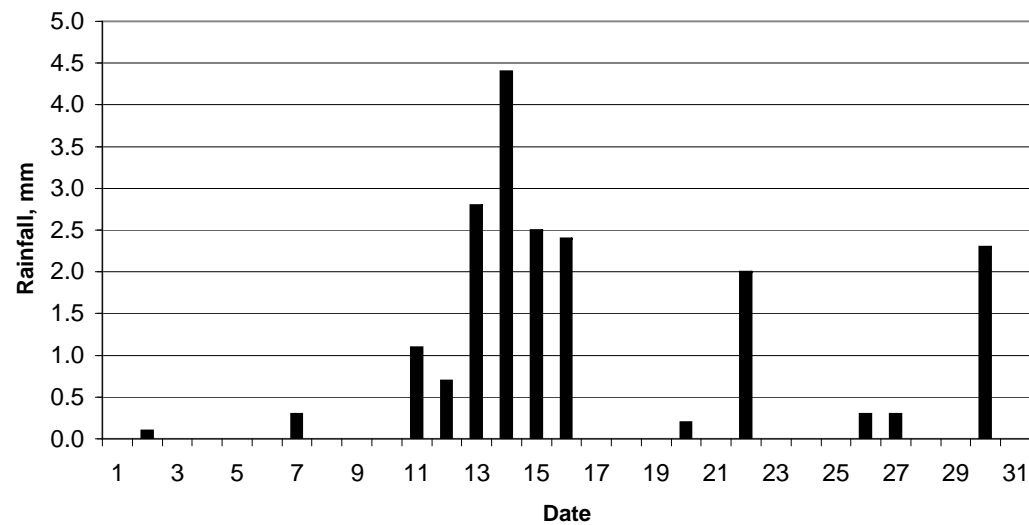
Mean sea level pressure, 0900GMT



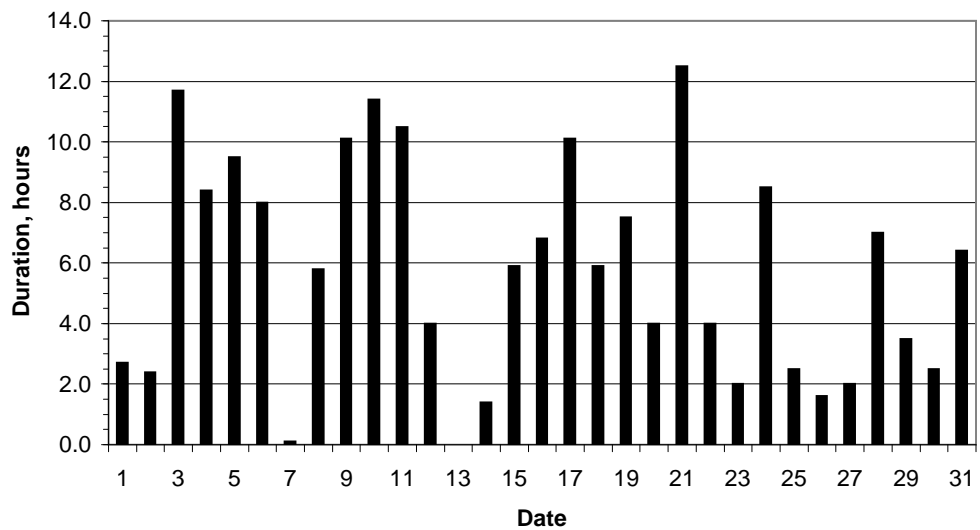
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

