

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR JULY 2011

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	1	33	02	02	97	18.3	45	22.0	9.5	7.6	13.8	14.6	16.4	16.8	16.3	15.0	00	0	0.0	9.8	0	0	0	0	0	0	0	0	1027.0	0.0	0.0	3.5	Number of	
02	0	07	02	02	97	20.0	73	24.1	12.3	11.1	15.6	15.9	16.8	16.9	16.2	15.0	00	0	0.0	7.4	0	0	0	0	0	0	0	0	1021.0	0.0	0.0	2.5	days with	
03	0	27	02	02	97	21.9	76	23.2	9.7	8.4	15.6	15.7	16.9	17.0	16.4	15.0	00	0	0.0	6.9	0	0	0	0	0	0	0	1018.5	0.0	0.0	2.3	2011		
04	4	16	02	02	97	22.3	51	25.0	13.7	11.5	16.4	16.8	17.8	17.2	16.4	15.1	00	0	0.0	5.1	0	0	0	0	0	0	0	1017.5	0.0	0.0	2.6	normal		
05	7	22	05	02	97	21.8	61	26.1	11.0	9.6	16.3	16.6	18.0	17.6	16.7	15.1	00	0	3.2	7.0	0	0	0	0	0	0	0	1012.0	3.3	0.0	2.0	Snow/sleet falling		
06	7	20	09	02	97	18.2	60	21.0	13.7	12.2	16.8	17.2	18.0	17.9	16.9	15.2	10	0	4.7	7.4	0	0	0	0	0	0	0	1005.0	3.0	0.0	3.1	0		
07	8	22	09	60	96	14.9	96	19.6	14.0	13.1	16.6	17.0	18.0	17.6	17.1	15.2	10	0	4.0	5.4	0	0	0	0	0	0	0	1004.0	3.8	0.0	1.7	50% snow cover 09GMT		
08	8	21	05	60	96	14.9	71	19.9	13.3	11.5	15.7	16.2	16.1	17.1	16.4	15.4	10	0	0.0	7.1	0	0	0	0	0	0	0	1004.0	0.0	0.0	1.8	0		
09	6	22	02	02	97	18.5	69	21.9	11.8	10.1	15.4	15.6	16.7	16.9	16.5	15.4	10	0	0.0	6.0	0	0	0	0	0	0	0	1010.5	0.0	0.0	2.1	Hail or ice pellets		
10	8	21	02	02	97	17.2	80	22.1	11.1	11.1	16.6	16.2	16.6	16.8	16.3	15.3	10	0	0.0	2.7	0	0	0	0	0	0	0	1017.5	0.0	0.0	1.7	0		
11	0	33	02	02	97	21.5	43	24.5	10.9	9.2	15.3	15.6	16.8	17.0	16.4	15.4	00	0	0.0	10.7	0	0	0	0	0	0	0	1020.0	0.0	0.0	3.1	Thunder		
12	7	05	09	03	97	16.0	70	20.6	14.9	13.1	17.3	17.4	18.0	17.7	16.8	15.3	00	0	0.0	0.8	0	0	0	0	0	0	0	1018.5	0.0	0.0	2.3	0		
13	7	36	13	02	97	15.8	64	19.1	12.3	10.2	16.1	16.1	17.0	17.0	16.6	15.4	00	0	0.0	2.1	0	0	0	0	0	0	0	1019.5	0.0	0.0	2.6	Gale		
14	6	32	05	02	97	19.1	58	23.8	11.1	8.9	14.8	15.3	16.4	16.5	16.5	15.4	00	0	0.0	11.9	0	0	0	0	0	0	0	1019.5	0.0	0.0	3.1	0		
15	7	22	02	02	97	21.6	48	24.6	10.3	8.2	16.7	16.7	17.4	17.3	16.7	15.4	00	0	0.6	9.5	0	0	0	0	0	0	0	1018.5	1.5	0.0	2.9	Fog at 09GMT		
16	8	23	09	21	97	16.6	92	19.4	15.0	14.9	17.8	17.9	18.4	17.9	16.8	15.5	10	0	10.1	5.2	0	0	0	0	0	0	0	1001.0	4.3	0.0	1.8	0		
17	7	31	09	02	97	16.5	85	19.9	12.5	10.5	16.2	16.1	16.8	17.0	16.7	15.6	10	0	4.1	2.1	0	0	0	0	0	0	0	993.5	3.1	0.0	1.3	Air frost		
18	8	32	13	02	97	15.3	85	18.7	13.7	13.1	15.6	16.1	16.7	17.0	16.5	15.6	10	0	2.3	1.3	0	0	0	0	0	0	0	997.5	0.8	0.0	1.5	0		
19	8	27	02	02	97	15.6	75	21.6	11.0	9.2	15.3	15.2	16.0	16.6	16.2	15.6	10	0	1.1	3.7	0	0	0	0	0	0	0	1003.5	0.3	0.0	1.4	Ground frost		
20	8	31	02	02	97	16.5	78	18.9	13.6	11.6	15.6	15.9	16.8	16.9	16.3	15.5	10	0	5.1	0.1	0	0	0	0	0	0	0	1009.5	0.6	0.0	0.8	0		
21	8	29	02	02	97	15.1	89	19.5	13.2	12.6	15.4	15.6	16.4	16.5	16.2	15.5	10	0	4.9	0.0	0	0	0	0	0	0	0	1013.0	2.2	0.0	0.9	0.2mm precipitation		
22	1	27	02	02	97	18.3	61	20.5	9.7	7.8	13.5	14.1	15.9	16.1	16.0	15.4	10	0	11.5	8.3	0	0	0	0	0	0	0	1018.0	1.8	0.0	1.8	11		
23	5	32	05	03	97	16.1	82	19.1	11.2	10.6	14.9	15.2	16.1	16.5	16.1	15.4	10	0	0.0	4.6	0	0	0	0	0	0	0	1016.0	0.0	0.0	2.2	1.0mm precipitation		
24	6	32	09	03	97	19.1	59	24.1	9.8	8.0	14.4	14.5	15.8	16.4	16.2	15.4	10	0	0.0	12.7	0	0	0	0	0	0	0	1012.0	0.0	0.0	2.6	10		
25	4	30	05	02	97	20.1	48	24.6	8.6	7.0	14.0	14.6	16.4	17.1	16.4	15.4	10	0	0.0	10.5	0	0	0	0	0	0	0	1009.5	0.0	0.0	3.1	7.5		
26	7	31	02	02	97	18.3	76	21.1	13.8	12.1	16.2	16.7	17.6	17.5	16.6	15.5	10	0	0.0	0.2	0	0	0	0	0	0	0	1014.5	0.0	0.0	2.3	5.0mm precipitation		
27	8	25	02	02	97	16.4	82	20.7	14.8	14.4	16.6	16.9	17.5	17.3	16.7	15.6	00	0	0.0	0.8	0	0	0	0	0	0	0	1020.5	0.0	0.0	1.7	3		
28	7	04	02	05	96	18.6	62	24.2	13.8	11.7	16.4	16.6	17.3	17.0	16.5	15.6	00	0	0.0	6.5	0	0	0	0	0	0	0	1022.5	0.0	0.0	2.8	No sunshine		
29	8	03	05	02	97	15.6	92	22.1	14.4	14.0	16.8	17.2	17.9	17.6	16.9	15.6	00	0	0.0	0.6	0	0	0	0	0	0	0	1023.5	0.0	0.0	2.2	1		
30	4	03	02	02	97	18.9	65	22.5	12.0	9.9	16.2	16.6	17.3	17.3	16.9	15.7	00	0	0.0	12.5	0	0	0	0	0	0	0	1023.0	0.0	0.0	2.1	1.5		
31	7	09	02	02	97	20.6	60	25.1	11.7	9.0	16.8	16.8	17.3	17.4	16.9	15.8	00	0	0.0	7.1	0	0	0	0	0	0	0	1017.0	0.0	0.0	3.4	July was cool, wet and dull		
Monthly means						18.1	70	21.9	12.2	10.7	15.8	16.1	17.0	17.1	16.5	15.4												1013.8				three days reached 25C and on		
Monthly totals																				51.6	176.0							24.7	0.0	69.2	only five days were 10h of			
Highest values						22.3		26.1	15.0	14.9	17.8	17.9	18.4	17.9	17.1	15.8				11.5	12.7							4.3	0.0	3.5	sunshine recorded.			
Lowest values						14.9	43	18.7	8.6	7.0	13.5	14.1	15.8	16.1	16.0	15.0																		
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)		

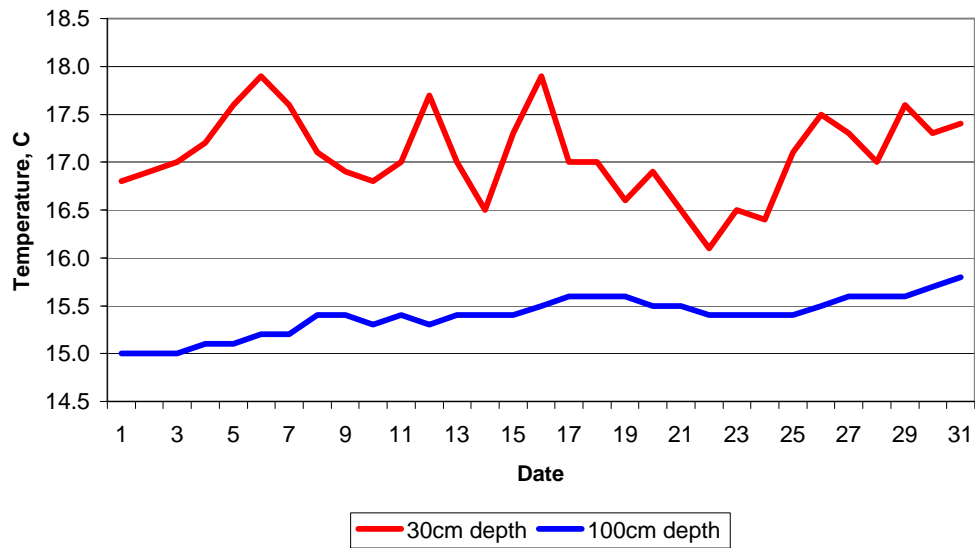
24 hour readings

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

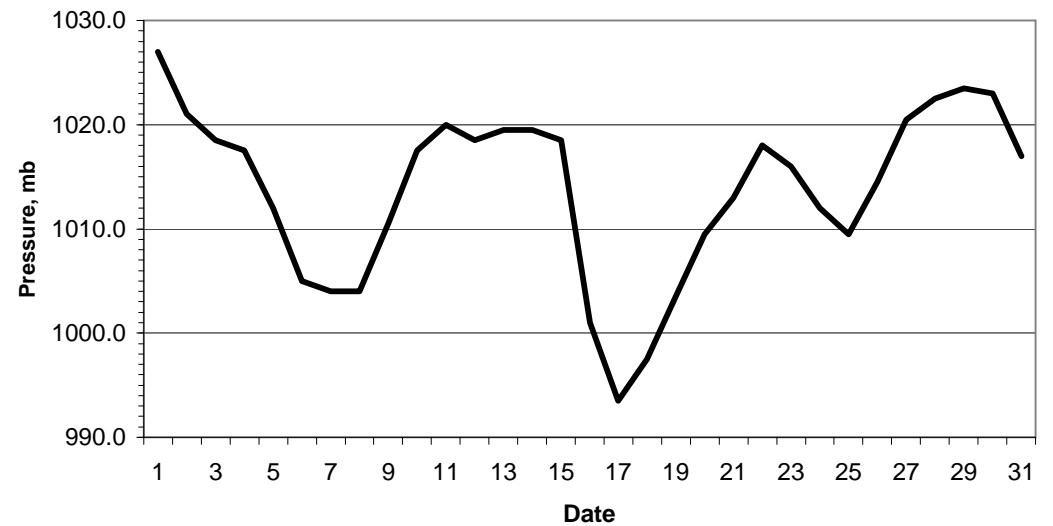
Days with

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

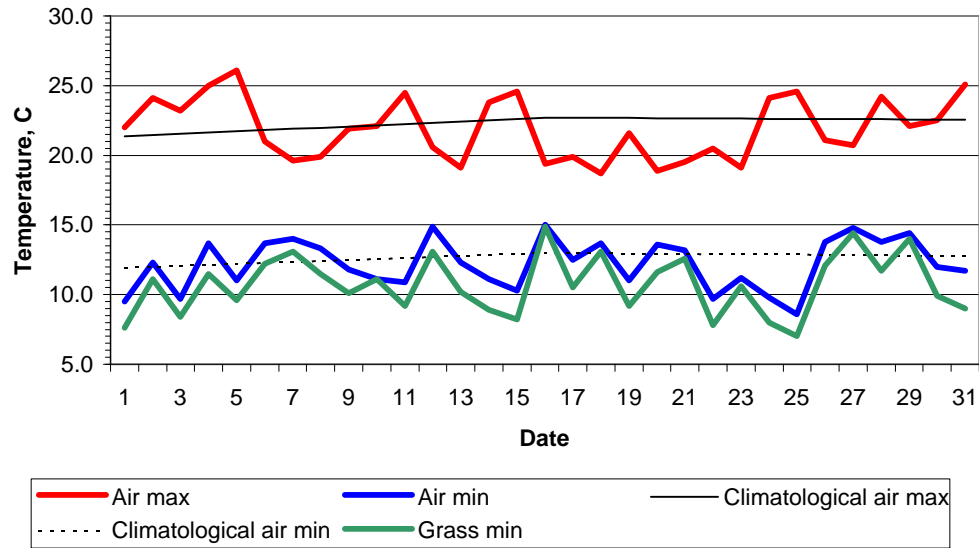
Daily soil temperatures, 0700GMT



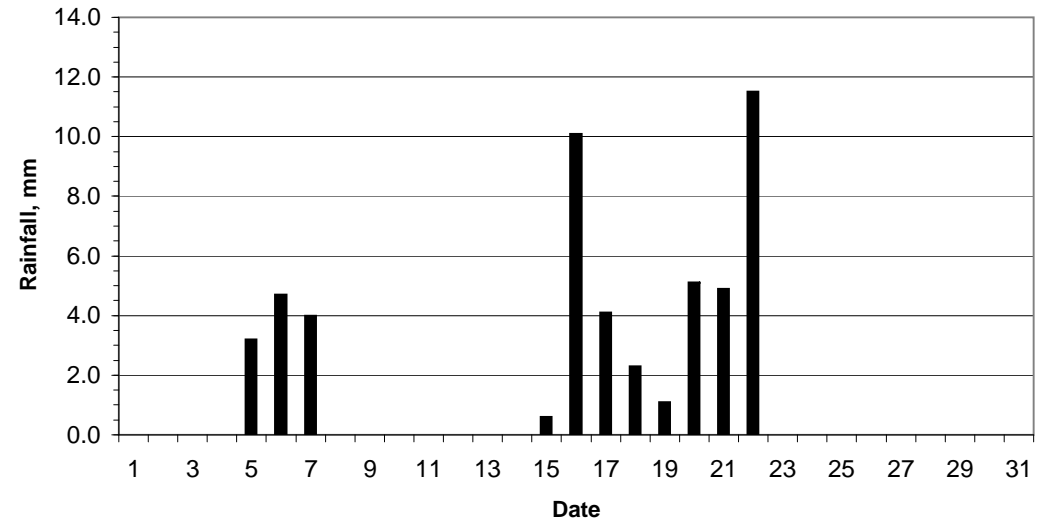
Mean sea level pressure, 0900GMT



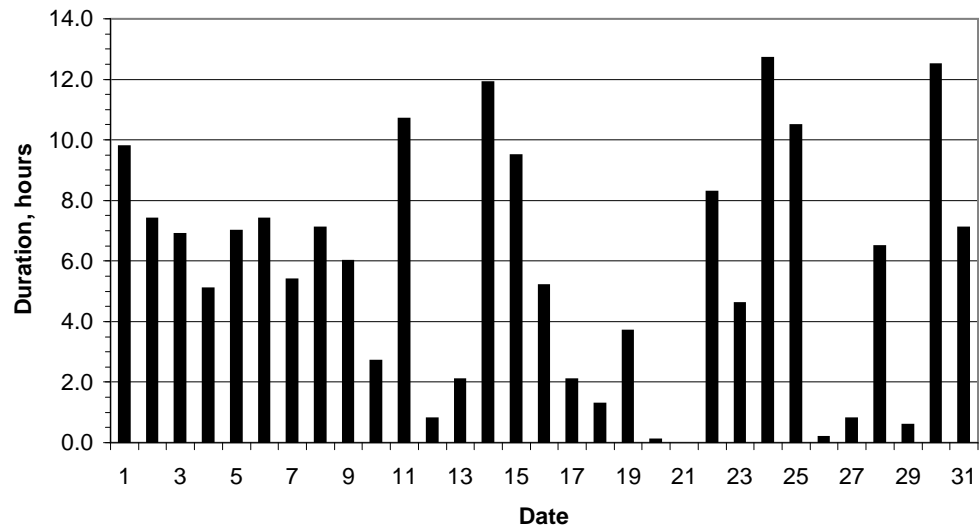
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

