

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR JULY 2017

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	7	31	05	02	97	18.3	73	23.1	14.3	12.1	17.2	17.3	18.0	18.1	17.5	16.6	10	0	0.2	4.2	0	0	0	0	0	0	0	1017.0	1.2	0.0	2.6	Number of	
02	3	36	09	02	97	19.2	55	24.3	14.8	11.4	17.6	17.7	18.2	18.1	17.5	16.6	90	0	0.2	13.0	0	0	0	0	0	0	0	1022.0	0.7	0.0	3.1	days with	
03	7	27	02	25	97	19.7	72	25.0	13.8	8.5	17.8	17.8	18.6	18.5	17.7	16.5	10	0	0.0	8.1	0	0	0	0	0	0	1020.0	0.0	0.0	2.5	2017 normal		
04	6	27	02	02	97	21.7	61	24.4	12.1	8.0	17.2	17.4	18.5	18.5	17.8	16.6	90	0	0.0	7.8	0	0	0	0	0	0	1019.5	0.0	0.0	2.5	Snow/sleet falling		
05	5	04	02	02	97	22.7	55	29.3	12.6	8.5	17.3	17.7	18.7	18.6	18.0	16.6	90	0	0.0	13.7	0	0	0	0	0	0	1019.0	0.0	0.0	3.9	0 0.0		
06	7	09	05	03	97	24.7	52	31.9	17.9	13.6	20.0	20.1	20.4	19.5	18.4	16.7	90	0	0.0	10.9	0	0	0	0	0	0	1014.0	0.0	0.0	4.0	50% snow cover 09GMT		
07	7	31	02	01	97	24.7	57	29.9	16.1	11.1	20.0	20.3	21.0	20.3	18.9	16.9	90	0	0.0	11.5	0	0	0	0	0	0	1015.5	0.0	0.0	3.9	0 0.0		
08	5	04	05	03	97	22.3	55	27.4	17.2	13.0	21.6	21.4	21.5	20.6	19.4	17.0	90	0	0.0	9.6	0	0	0	0	0	0	1018.0	0.0	0.0	3.3	Hail or ice pellets		
09	5	22	02	02	97	22.9	62	27.4	18.5	12.5	20.6	21.1	21.7	20.8	19.6	17.3	90	0	0.0	7.2	0	0	0	0	0	0	1012.5	0.0	0.0	3.3	0 0.1		
10	1	27	02	02	97	21.8	66	26.0	15.3	10.0	19.6	20.1	21.1	20.7	19.6	17.4	90	0	0.0	11.3	0	0	0	0	0	0	1008.0	0.0	0.0	3.3	Thunder		
11	8	22	05	02	97	18.1	74	19.2	14.2	9.7	19.7	20.0	20.7	20.4	19.6	17.6	90	0	30.9	0.1	0	0	0	0	0	0	1009.5	13.3	0.0	0.8	2 2.1		
12	8	04	05	02	97	15.4	89	22.0	14.0	11.5	16.9	17.3	18.5	19.1	18.9	17.6	10	0	0.0	7.8	0	0	0	0	0	0	1014.0	0.0	0.0	2.1	Gale		
13	8	09	02	02	97	16.2	76	22.9	14.5	9.5	16.9	17.2	18.0	18.6	18.3	17.5	10	0	0.0	4.2	0	0	0	0	0	0	1023.5	0.0	0.0	2.4	0 0.0		
14	7	31	09	02	97	17.9	64	21.1	13.4	8.5	17.3	17.2	18.1	18.5	18.1	17.4	10	0	tr	4.5	0	0	0	0	0	0	1020.0	0.0	0.0	2.6	Fog at 09GMT		
15	8	22	05	02	97	16.8	80	21.5	15.1	9.6	17.7	17.7	18.0	18.2	17.9	17.2	10	0	0.5	0.0	0	0	0	0	0	0	1023.0	1.2	0.0	1.4	0 0.0		
16	7	27	02	02	97	21.5	75	24.8	16.3	12.0	18.6	18.6	18.5	18.3	17.7	17.1	10	0	0.1	0.3	0	0	0	0	0	0	1023.5	0.2	0.0	2.0	Air frost		
17	1	00	00	02	97	20.6	56	26.3	13.2	7.8	16.3	17.2	18.5	18.8	18.1	17.1	10	0	0.0	11.2	0	0	0	0	0	0	1024.0	0.0	0.0	3.6	0 0.0		
18	7	09	05	02	97	21.7	64	27.4	16.5	10.2	18.4	18.8	19.5	19.3	18.4	17.1	00	0	25.1	8.6	0	0	0	1	0	0	1017.5	3.8	0.0	3.5	Ground frost		
19	8	18	05	02	96	20.4	90	21.0	17.3	13.7	19.3	19.4	20.0	19.6	18.6	17.2	10	0	1.8	0.3	0	0	0	1	0	0	1004.0	0.9	0.0	0.9	0 0.0		
20	7	31	02	25	97	16.5	91	20.6	15.7	11.6	18.8	18.8	19.1	19.1	18.5	17.4	10	0	0.6	5.2	0	0	0	0	0	0	1005.0	1.0	0.0	2.2	0.2mm precipitation		
21	7	18	05	02	97	17.9	64	22.5	12.3	8.2	16.1	16.2	17.7	18.6	18.3	17.3	10	0	11.5	6.9	0	0	0	0	0	0	1009.0	5.2	0.0	2.7	16 11.4		
22	6	22	02	02	97	17.9	76	19.5	12.3	7.0	17.3	17.2	17.8	18.3	18.0	17.3	10	0	7.5	3.2	0	0	0	0	0	0	1007.5	4.5	0.0	0.8	1.0mm precipitation		
23	8	22	02	02	97	15.8	92	20.9	11.2	7.6	16.1	16.2	17.0	17.8	17.6	17.1	10	0	1.6	5.2	0	0	0	0	0	0	1011.5	3.0	0.0	1.3	10 8.0		
24	8	36	05	50	96	15.8	91	19.2	14.3	11.0	16.6	16.8	17.5	17.8	17.5	17.1	10	0	0.0	1.0	0	0	0	0	0	0	1015.0	0.0	0.0	1.0	5.0mm precipitation		
25	7	27	02	02	97	17.2	81	23.7	11.1	7.6	15.9	15.8	16.8	17.4	17.2	17.0	10	0	0.8	8.5	0	0	0	0	0	0	1018.0	1.0	0.0	1.7	6 2.7		
26	8	18	02	03	97	17.2	92	21.5	13.8	9.1	16.8	16.9	17.5	17.7	17.2	16.9	10	0	2.2	0.2	0	0	0	0	0	0	1008.5	2.5	0.0	1.3	No sunshine		
27	8	22	05	02	97	16.4	79	21.7	13.6	10.0	16.4	16.4	17.3	17.7	17.2	16.8	10	0	6.4	3.9	0	0	0	0	0	0	1008.0	1.8	0.0	1.4	1 1.1		
28	7	22	02	01	97	17.8	76	21.2	12.2	7.2	16.1	16.1	17.0	17.6	17.2	16.8	10	0	2.6	1.8	0	0	0	0	0	0	1009.5	2.0	0.0	1.6	The wettest July since 2007		
29	6	22	05	02	97	18.4	76	19.1	13.7	9.1	16.2	16.6	17.4	17.6	17.1	16.7	10	0	17.9	2.8	0	0	0	0	0	0	1009.5	7.0	0.0	0.9	and only 1941 has also been		
30	6	27	02	02	97	18.2	81	20.4	14.2	11.4	16.6	16.7	17.3	17.5	17.0	16.7	10	0	0.3	6.1	0	0	0	0	0	0	1005.5	0.2	0.0	1.8	wetter locally in July. Most of		
31	3	22	05	02	97	18.7	68	22.4	12.0	8.1	15.2	15.6	17.0	17.5	17.1	16.7	10	0	tr	9.7	0	0	0	0	0	0	1011.5	0.0	0.0	2.4	the rain (77%) fell on just four days including in a violent thunderstorm on the 18th. After a warm start, daytime temperatures were never far away from the average and the month was slightly milder than normal overall. Sunshine total was slightly less than normal.		
Monthly means						19.2	72	23.5	14.3	10.0	17.7	17.9	18.6	18.7	18.1	17.0												1014.3					
Monthly totals																				110.2	188.8							49.5	0.0	70.8			
Highest values						24.7		31.9	18.5	13.7	21.6	21.4	21.7	20.8	19.6	17.6			30.9	13.7								13.3	0.0	4.0			
Lowest values						15.4	52	19.1	11.1	7.0	15.2	15.6	16.8	17.4	17.0	16.5																	
1981-2010 monthly climatological averages						73	23.2	13.3	11.3	16.7	17.2	18.1	18.0	17.2	15.9					45.5	197.1								1016.2	31.3	0.0	76.3	

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)		

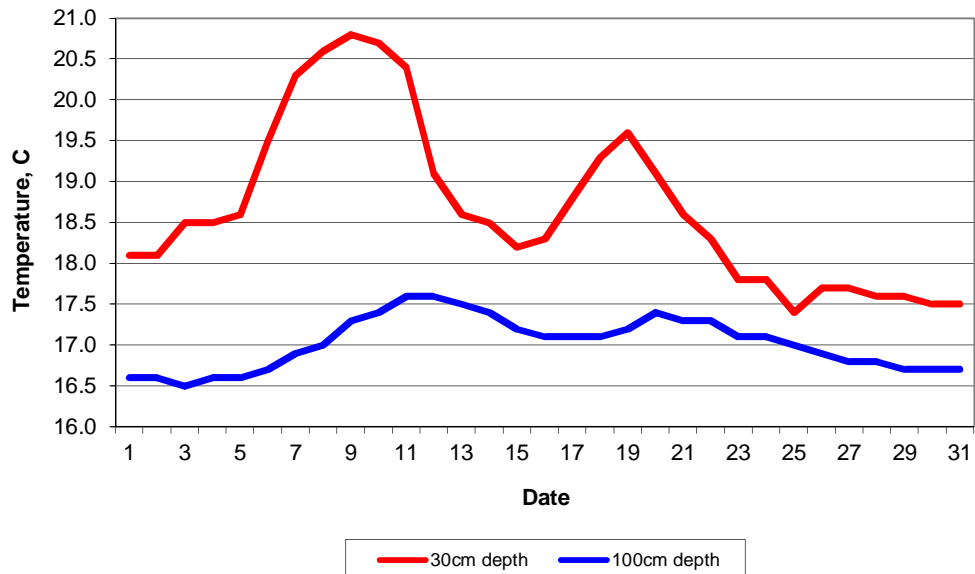
24 hour readings

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

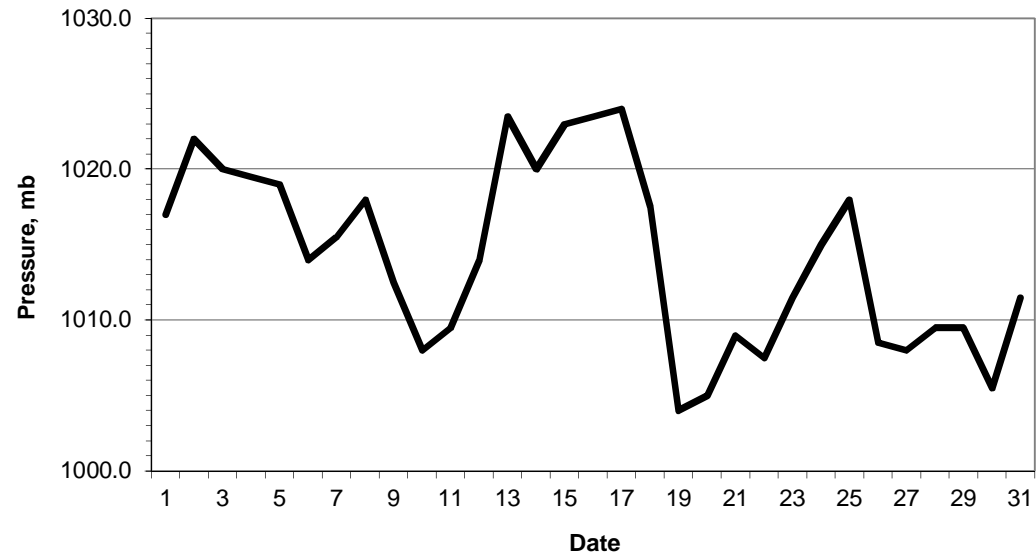
Days with

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

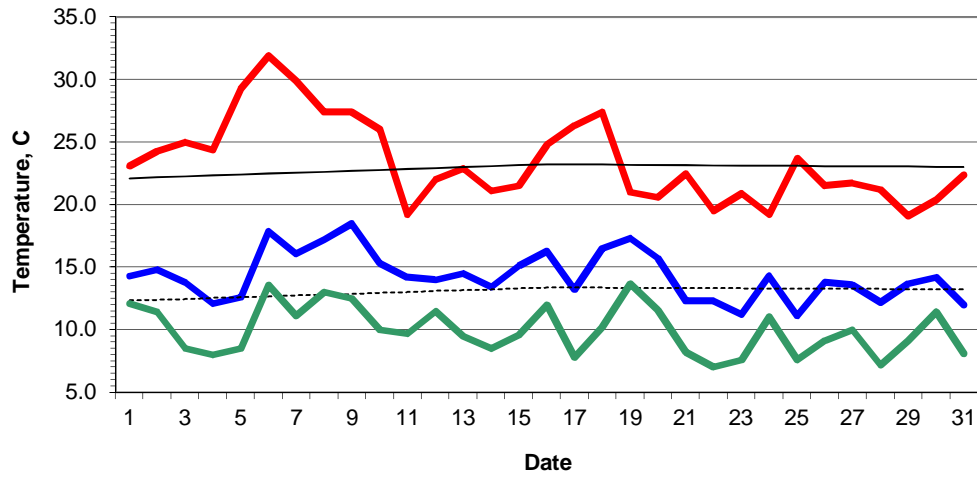
Daily soil temperatures, 0700GMT



Mean sea level pressure, 0900GMT

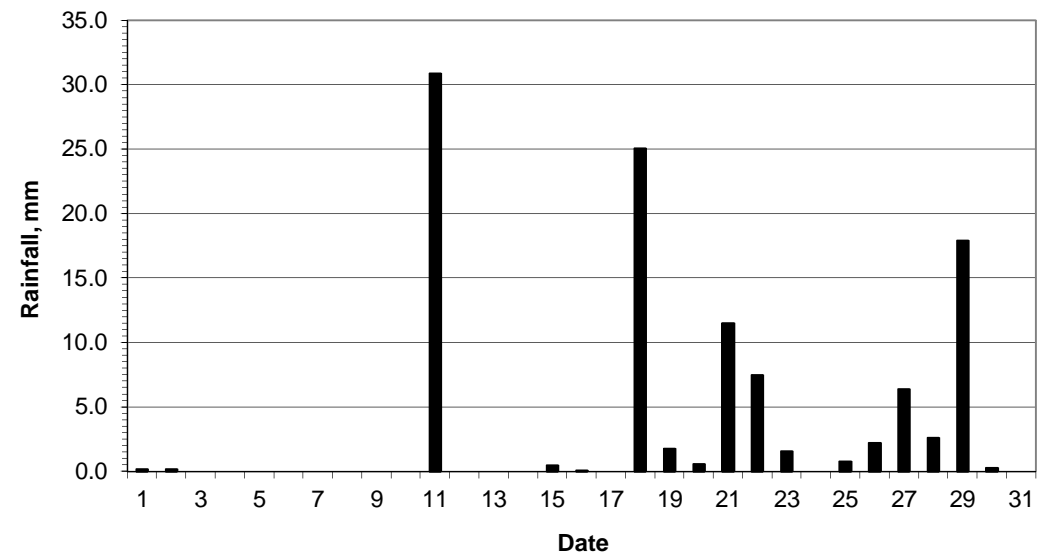


Daily temperature extremes

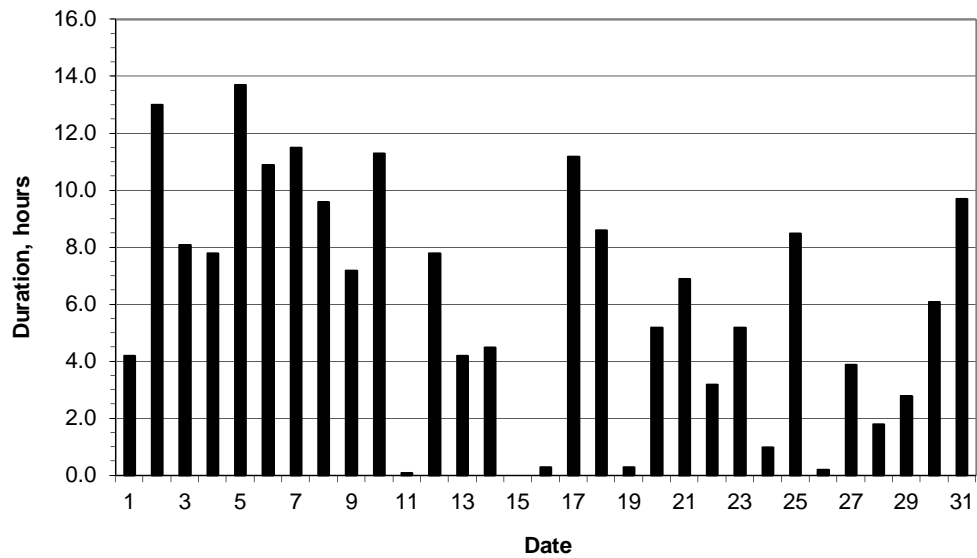


— Air max — Air min — Climatological air max - - - - - Climatological air min — Grass min

Daily rainfall



Daily sunshine



Daily evaporation

