

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR JULY 2015

					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	09	05	01	97	30.6	44	34.9	15.4	13.5	20.1	19.4	19.5	18.5	16.9	15.0	00	0	0.0	11.2	0	0	0	0	0	0	1010.0	0.0	0.0	5.6	Number of days with			
02	7	22	02	02	97	19.3	81	25.6	16.9	13.8	20.2	20.2	20.3	19.3	17.6	15.2	00	0	0.0	4.4	0	0	0	0	0	0	1016.5	0.0	0.0	1.6				
03	1	09	02	02	97	21.5	56	28.2	10.4	7.9	16.6	17.0	18.2	18.4	17.6	15.3	00	0	5.8	11.1	0	0	0	1	0	0	1024.5	0.4	0.0	3.9			2015	normal
04	3	22	05	02	97	21.9	73	27.0	15.8	15.0	19.8	19.7	19.8	19.0	17.7	15.6	10	0	0.0	11.4	0	0	0	1	0	0	1016.0	0.0	0.0	3.1	Snow/sleet falling			
05	8	27	02	03	97	16.2	83	24.0	12.3	9.5	17.7	18.2	18.9	19.0	18.0	15.8	10	0	0.1	5.5	0	0	0	0	0	0	1016.5	1.0	0.0	2.2	0	0.0		
06	4	22	02	02	97	18.9	65	24.0	10.7	7.6	15.6	16.1	17.5	18.2	17.6	15.9	00	0	tr	9.7	0	0	0	0	0	0	1018.5	0.0	0.0	3.3	50% snow cover 09GMT			
07	8	18	05	21	97	17.8	94	23.3	13.4	10.5	17.3	17.6	18.1	18.0	17.4	15.9	00	0	1.5	7.1	0	0	0	0	0	0	1007.5	0.4	0.0	2.6	0	0.0		
08	8	22	05	02	97	17.9	76	22.0	13.6	11.6	16.5	16.8	17.5	17.2	17.1	15.9	10	0	0.3	2.4	0	0	0	0	0	0	1009.0	0.7	0.0	2.5	Hail or ice pellets			
09	0	27	09	02	97	17.9	52	23.9	10.4	7.4	14.6	15.3	16.6	17.2	16.8	15.9	00	0	0.0	14.0	0	0	0	0	0	0	1023.0	0.0	0.0	3.4	0	0.1		
10	0	18	02	02	97	21.4	51	26.9	11.2	8.5	16.1	16.6	17.5	17.9	17.0	15.8	00	0	0.0	10.8	0	0	0	0	0	0	1021.0	0.0	0.0	4.4	Thunder			
11	5	27	05	02	97	22.1	61	25.9	12.8	9.9	17.4	17.7	18.5	18.3	17.3	15.9	10	0	0.6	12.3	0	0	0	0	0	0	1015.0	1.8	0.0	3.5	2	2.1		
12	8	22	02	02	97	18.1	84	21.5	15.0	14.0	18.4	18.4	18.9	18.6	17.6	16.0	10	0	9.3	0.1	0	0	0	0	0	0	1015.5	6.5	0.0	0.9	Gale			
13	8	22	02	58	95	16.5	98	19.3	16.0	15.0	17.6	17.8	18.2	18.1	17.3	16.0	10	0	1.6	0.0	0	0	0	0	0	0	1013.5	1.8	0.0	0.6	0	0.0		
14	8	27	02	02	97	17.4	91	21.7	16.3	15.6	17.6	17.7	17.9	17.8	17.2	16.0	10	0	2.3	0.1	0	0	0	0	0	0	1016.0	2.6	0.0	0.9	Fog at 09GMT			
15	8	22	05	02	97	16.8	96	22.3	16.8	16.9	18.4	17.5	18.2	17.9	17.1	16.0	10	0	0.0	1.2	0	0	0	0	0	0	1017.0	0.0	0.0	1.7	0	0.0		
16	8	09	09	02	97	19.2	78	25.0	14.4	12.1	17.8	18.4	18.0	18.0	17.3	16.1	10	0	1.5	2.7	0	0	0	0	0	0	1016.5	1.0	0.0	3.0	Air frost			
17	7	22	05	97	97	19.2	93	24.1	14.9	12.9	18.0	18.5	18.0	18.1	17.3	16.1	10	0	0.0	5.5	0	0	0	0	0	0	1010.0	0.0	0.0	1.8	0	0.0		
18	1	22	05	02	97	19.2	57	23.6	10.3	7.0	15.0	15.7	17.2	18.0	17.5	16.1	10	0	0.8	7.0	0	0	0	0	0	0	1016.5	1.0	0.0	3.2	Ground frost			
19	3	19	02	01	97	19.6	63	24.8	14.1	13.0	18.3	17.9	18.2	18.4	17.5	16.2	10	0	0.2	11.8	0	0	0	0	0	0	1009.0	0.2	0.0	4.0	0	0.0		
20	8	13	02	21	97	16.9	93	23.6	10.8	8.8	16.3	16.6	17.5	18.1	17.6	16.2	10	0	0.1	0.6	0	0	0	0	0	0	1009.0	0.1	0.0	1.3	0.2mm precipitation			
21	6	22	02	02	97	19.3	76	25.4	12.0	9.0	15.4	15.9	17.2	17.8	17.2	16.3	00	0	0.0	9.4	0	0	0	0	0	0	1011.5	0.0	0.0	3.2	12	11.4		
22	1	22	05	02	97	20.3	68	24.0	14.7	11.5	17.1	17.5	18.1	18.1	17.5	16.3	00	0	tr	7.4	0	0	0	0	0	0	1013.5	0.0	0.0	2.5	1.0mm precipitation			
23	7	27	02	03	97	15.9	81	21.8	10.0	7.5	15.7	16.1	17.3	17.8	17.5	16.4	00	0	tr	1.5	0	0	0	0	0	0	1017.5	0.0	0.0	2.6	8	8.0		
24	8	04	02	60	97	15.8	84	16.3	13.2	13.0	17.2	17.3	17.8	17.8	17.2	16.3	00	0	39.6	0.0	0	0	0	0	0	0	1011.0	14.0	0.0	0.3	5.0mm precipitation			
25	2	31	09	02	97	16.3	74	21.0	10.7	9.3	14.6	14.4	15.4	16.6	16.6	16.3	10	0	0.0	9.9	0	0	0	0	0	0	1012.0	0.0	0.0	2.2	4	2.7		
26	8	18	02	60	97	13.6	94	17.2	11.0	8.1	15.1	15.4	16.0	16.8	16.6	16.1	10	0	8.0	0.0	0	0	0	0	0	0	1008.0	3.6	0.0	0.5	No sunshine			
27	8	27	05	02	97	17.2	84	20.1	12.7	12.9	15.7	15.7	16.0	16.3	16.1	16.0	10	0	0.1	2.1	0	0	0	0	0	0	999.5	0.1	0.0	2.2	3	1.1		
28	3	27	09	02	97	15.7	70	19.9	12.7	10.1	14.6	15.1	16.0	16.7	16.1	15.9	10	0	0.0	5.8	0	0	0	0	0	0	1005.0	0.0	0.0	2.5	A very hot day to start the month and a cold night to end it; daytime temperatures tended to fall as the month developed.			
29	5	27	05	02	97	17.1	67	19.5	8.7	5.6	13.7	13.9	15.1	16.3	16.1	15.9	10	0	0.0	3.5	0	0	0	0	0	0	1010.0	0.0	0.0	1.7				
30	3	27	05	02	97	15.2	69	20.1	10.0	6.7	13.7	14.3	15.5	16.4	16.0	15.8	10	0	0.0	7.4	0	0	0	0	0	0	1018.5	0.0	0.0	2.4				
31	2	36	00	02	97	18.0	65	21.5	6.0	3.8	11.8	12.8	14.6	16.0	15.8	15.8	00	0	0.0	9.4	0	0	0	0	0	0	1019.5	0.0	0.0	2.7				
Monthly means						18.5	75	23.2	12.7	10.6	16.6	16.8	17.5	17.8	17.1	15.9											1013.8				Mainly dry until the final week - very wet on the 24th. 6.0C on the 31st was the lowest town-centre July temperature since 1965 while 34.9C on the 1st was the highest July temperature since 2006.			
Monthly totals																			71.8	185.3							35.2	0.0	76.3					
Highest values						30.6		34.9	16.9	16.9	20.2	20.2	20.3	19.3	18.0	16.4			39.6	14.0								14.0	0.0	5.6				
Lowest values						13.6	44	16.3	6.0	3.8	11.8	12.8	14.6	16.0	15.8	15.0																		
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)		

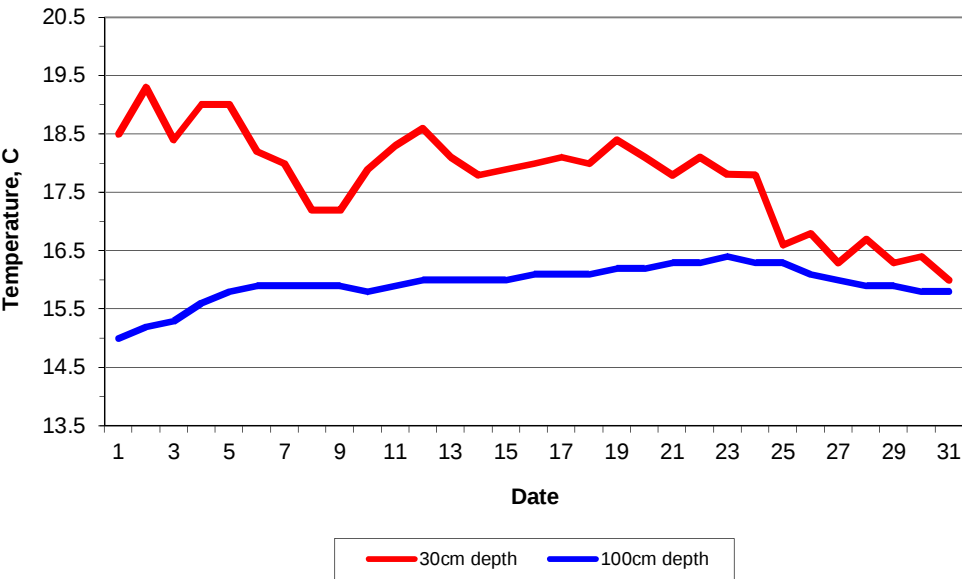
24 hour readings

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

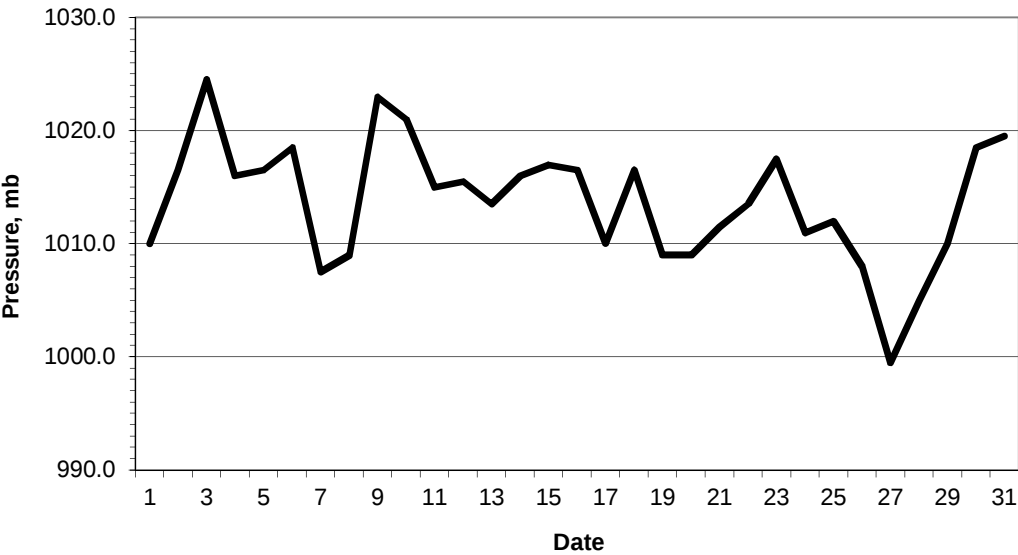
Days with

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

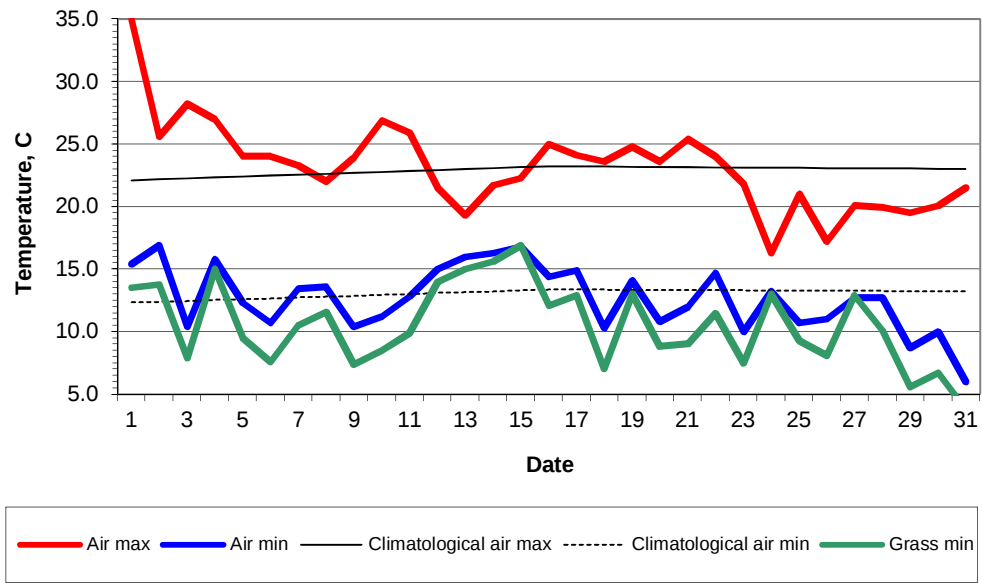
Daily soil temperatures, 0700GMT



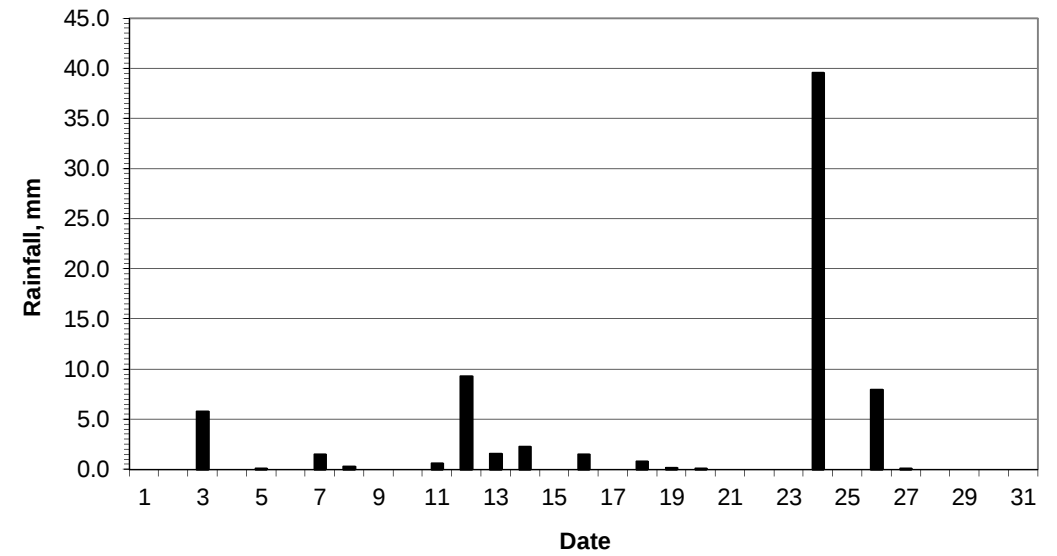
Mean sea level pressure, 0900GMT



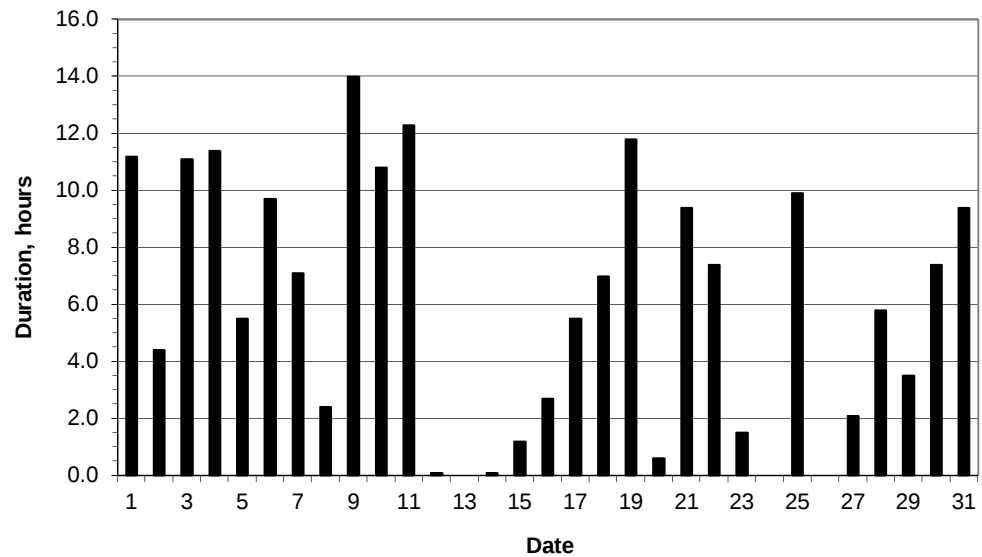
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

