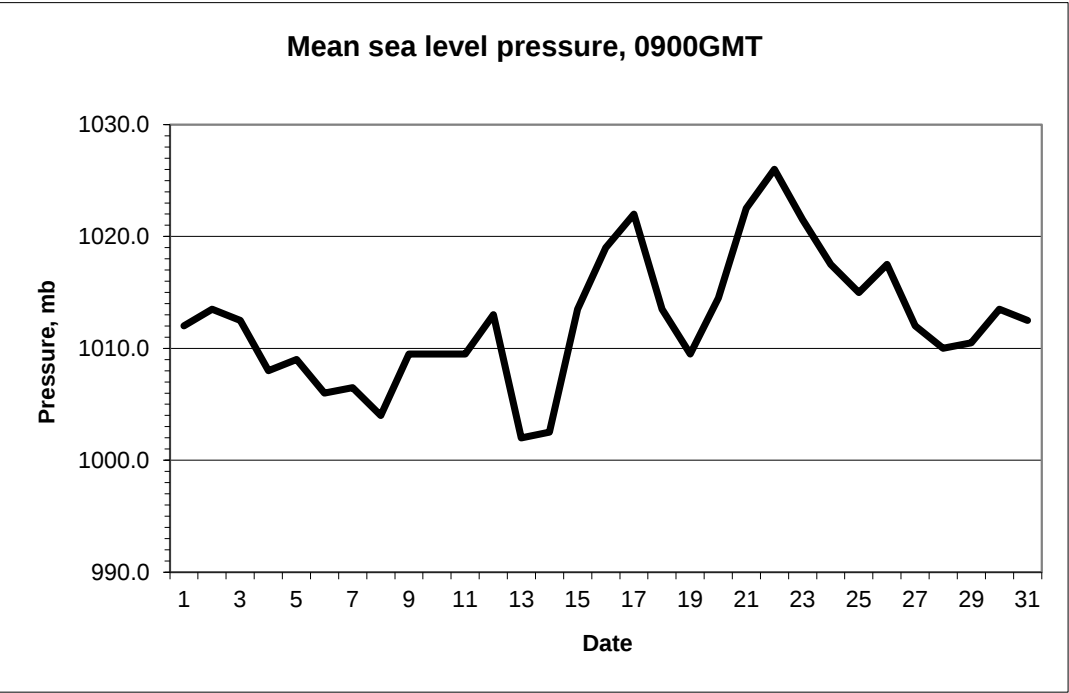
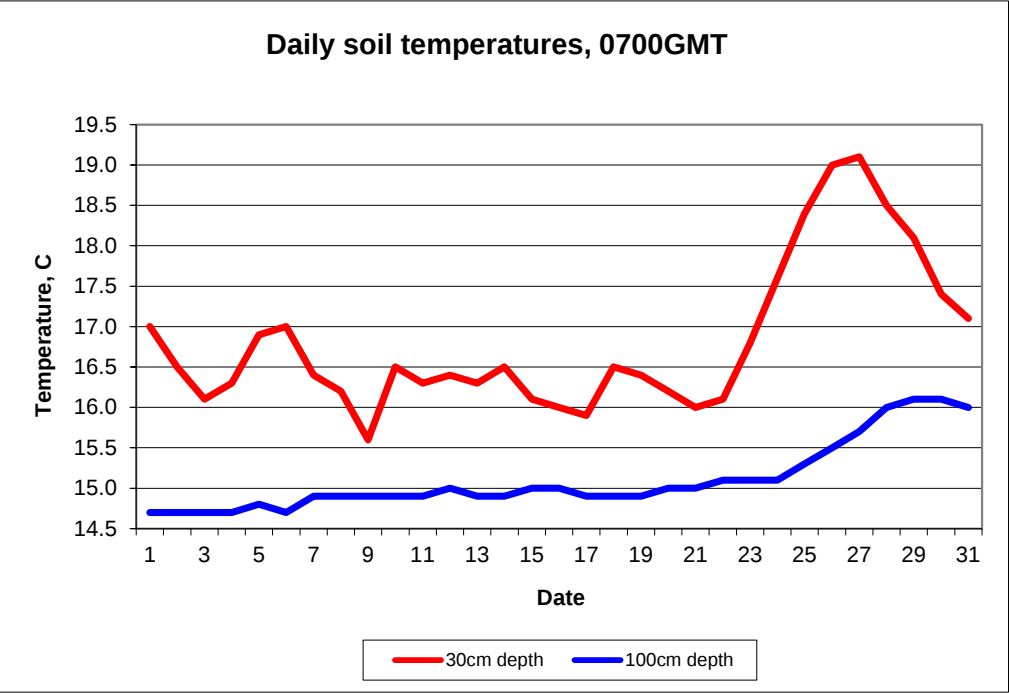


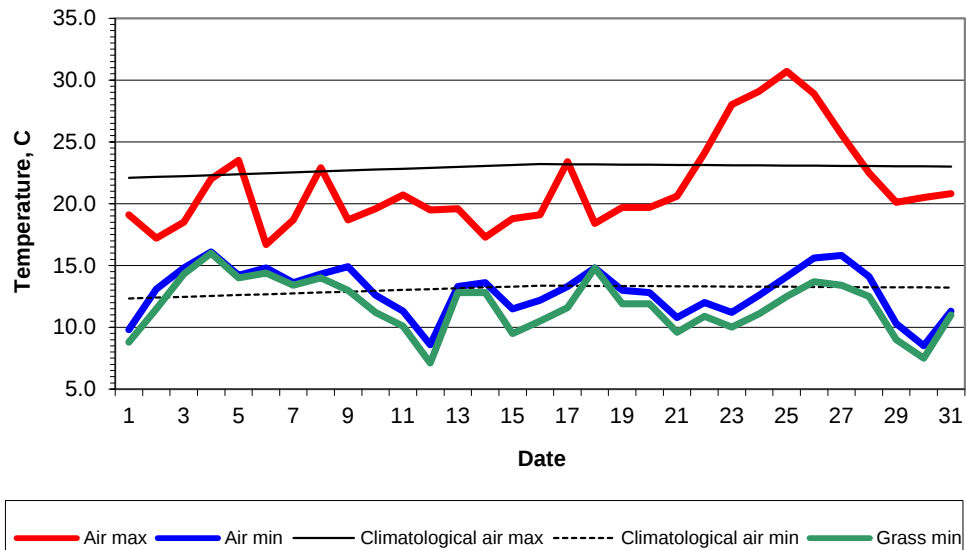
MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR JULY 2012

						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	4	22	05	03	97	16.4	65	19.1	9.8	8.8	14.9	15.4	16.5	17.0	16.2	14.7	10	0	0.7	4.3	0	0	0	0	0	0	1012.0	1.2	0.0	2.0	Number of days with 2012 normal					
02	8	18	02	60	97	14.8	91	17.2	13.1	11.5	15.6	15.7	16.4	16.5	16.0	14.7	10	0	6.9	0.0	0	0	0	0	0	0	1013.5	6.0	0.0	0.8						
03	8	18	02	21	97	17.2	95	18.5	14.8	14.3	16.3	16.1	16.3	16.1	16.0	14.7	20	0	6.5	0.0	0	0	0	0	0	0	1012.5	9.8	0.0	0.3						
04	8	13	02	02	97	18.3	95	22.0	16.1	16.0	16.8	16.7	16.5	16.3	15.7	14.7	10	0	0.7	1.3	0	0	0	0	0	0	1008.0	1.4	0.0	1.4	Snow/sleet falling 0 0.0					
05	6	27	02	01	97	17.9	68	23.5	14.2	14.0	16.7	16.7	17.0	16.9	15.7	14.8	10	0	0.9	3.7	0	0	0	0	0	0	1009.0	3.0	0.0	1.8						
06	8	22	02	50	97	15.7	94	16.7	14.8	14.4	16.8	17.1	17.4	17.0	16.0	14.7	10	0	8.0	0.1	0	0	0	0	0	0	1006.0	10.2	0.0	0.5						
07	7	13	02	60	97	16.4	86	18.7	13.6	13.4	16.7	16.4	16.5	16.4	15.8	14.9	10	0	9.6	0.5	0	0	0	0	0	0	1006.5	9.5	0.0	1.0	50% snow cover 09GMT 0 0.0					
08	8	36	05	02	97	16.4	91	22.9	14.3	14.0	16.8	16.2	16.2	16.2	15.7	14.9	10	0	0.1	3.6	0	0	0	0	0	0	1004.0	0.1	0.0	1.9						
09	8	22	05	02	97	17.1	82	18.7	14.9	13.0	16.7	16.6	16.2	15.6	15.6	14.9	10	0	0.2	0.1	0	0	0	0	0	0	1009.5	0.3	0.0	0.9						
10	8	27	02	80	97	15.8	81	19.6	12.6	11.2	16.1	16.0	16.7	16.5	15.6	14.9	10	0	17.4	1.3	0	0	0	0	0	0	1009.5	1.9	0.0	0.7	Thunder 2 0.1					
11	6	22	05	03	97	17.6	67	20.7	11.3	10.1	14.9	15.2	16.0	16.3	15.7	14.9	20	0	7.4	6.5	0	0	5	1	0	0	1009.5	3.0	0.0	1.3						
12	1	27	02	02	97	17.1	69	19.5	8.6	7.1	14.0	14.4	15.6	16.4	15.7	15.0	20	0	13.0	6.1	0	0	0	0	0	0	1013.0	9.0	0.0	1.6						
13	2	27	02	02	97	18.3	70	19.6	13.3	12.8	16.1	15.7	16.2	16.3	15.7	14.9	20	0	5.8	5.0	0	0	0	0	0	0	1002.0	2.9	0.0	1.3	Gale 0 0.0					
14	8	27	02	60	97	15.2	91	17.3	13.6	12.8	16.1	16.1	16.5	16.5	15.8	14.9	20	0	2.9	0.2	0	0	0	0	0	0	1002.5	2.1	0.0	0.9						
15	4	27	02	02	97	17.3	68	18.8	11.5	9.5	15.1	15.1	15.7	16.1	15.7	15.0	10	0	1.2	4.5	0	0	0	0	0	0	1013.5	3.5	0.0	1.9						
16	8	22	02	60	96	16.1	89	19.1	12.2	10.5	15.3	15.4	15.8	16.0	15.7	15.0	10	0	2.6	0.0	0	0	0	0	0	0	1019.0	3.2	0.0	0.9	Air frost 0 0.0					
17	8	27	05	02	97	19.1	75	23.4	13.3	11.6	15.4	15.1	15.6	15.9	15.5	14.9	10	0	0.1	3.0	0	0	0	0	0	0	1022.0	0.1	0.0	1.8						
18	8	22	09	02	97	17.8	73	18.4	14.8	14.8	17.3	16.9	17.0	16.5	15.7	14.9	10	0	4.0	0.1	0	0	0	0	0	0	1013.5	3.5	0.0	0.8						
19	4	27	05	03	97	17.9	80	19.7	13.0	11.9	15.2	15.5	16.1	16.4	15.7	14.9	10	0	0.0	3.7	0	0	0	0	0	0	1009.5	0.0	0.0	1.7	Ground frost 0 0.0					
20	6	27	02	02	97	17.7	73	19.7	12.8	11.9	15.4	15.6	16.2	16.2	15.7	15.0	10	0	0.2	2.6	0	0	0	0	0	0	1014.5	0.2	0.0	1.0						
21	3	04	02	02	97	17.9	64	20.6	10.8	9.6	15.0	15.1	15.7	16.0	15.6	15.0	10	0	0.0	7.8	0	0	0	0	0	0	1022.5	0.0	0.0	3.4						
22	1	18	05	02	97	20.5	68	24.1	12.0	10.9	16.7	16.6	16.0	16.1	15.9	15.1	10	0	0.0	14.8	0	0	0	0	0	0	1026.0	0.0	0.0	2.9	1.0mm precipitation 19 11.4					
23	0	18	05	02	97	21.2	61	28.0	11.2	10.0	15.0	15.6	16.5	16.8	15.9	15.1	10	0	0.0	14.6	0	0	0	0	0	0	1021.5	0.0	0.0	4.1						
24	0	31	00	02	97	23.9	50	29.1	12.6	11.1	16.4	16.8	17.7	17.6	16.5	15.1	10	0	0.0	14.0	0	0	0	0	0	0	1017.5	0.0	0.0	3.4						
25	0	27	00	02	97	25.2	56	30.7	14.1	12.5	17.7	17.9	18.8	18.4	17.2	15.3	00	0	0.0	12.4	0	0	0	0	0	0	1015.0	0.0	0.0	4.3	5.0mm precipitation 10 2.7					
26	0	04	02	02	97	21.2	66	28.9	15.6	13.7	18.3	18.3	19.7	19.0	17.8	15.5	00	0	0.0	12.7	0	0	0	0	0	0	1017.5	0.0	0.0	4.0						
27	6	31	00	03	97	20.4	85	25.6	15.8	13.4	18.8	19.1	19.2	19.1	17.9	15.7	00	0	0.0	4.2	0	0	0	0	0	0	1012.0	0.0	0.0	2.7						
28	1	32	05	02	97	19.8	75	22.5	14.1	12.5	18.5	18.4	18.8	18.5	17.6	16.0	00	0	0.0	9.1	0	0	0	0	0	0	1010.0	0.0	0.0	3.0	July was wetter and duller than normal, and also cooler than average - especially during the day. It was the second wettest July of the past 60 years (behind 2007 when 148 mm fell) and the dullest July since 1998. Despite the hot weather of the 22nd-27th the month was colder than average due to mostly cool conditions in the first three weeks.					
29	7	22	00	03	97	17.9	76	20.1	10.3	9.0	17.1	17.1	17.9	18.1	17.5	16.1	00	0	7.7	7.4	0	0	0	0	0	0	1010.5	2.0	0.0	1.2						
30	1	22	02	02	97	18.9	62	20.5	8.5	7.5	13.9	14.6	16.4	17.4	17.3	16.1	10	0	5.2	10.2	0	0	5	1	0	0	1013.5	6.9	0.0	2.9						
31	8	22	02	60	97	15.1	97	20.8	11.3	11.0	14.9	14.9	16.5	17.1	16.7	16.0	10	0	0.0	0.2	0	0	0	0	0	0	1012.5	0.0	0.0	0.8						
Monthly means						18.1	76	21.4	12.9	11.8	16.1	16.2	16.8	16.8	16.2	15.1											1012.5									
Monthly totals																			101.1	154.0							79.8	0.0	57.2							
Highest values						25.2		30.7	16.1	16.0	18.8	19.1	19.7	19.1	17.9	16.1			17.4	14.8								10.2	0.0	4.3						
Lowest values						14.8	50	16.7	8.5	7.1	13.9	14.4	15.6	15.6	15.5	14.7																				
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					

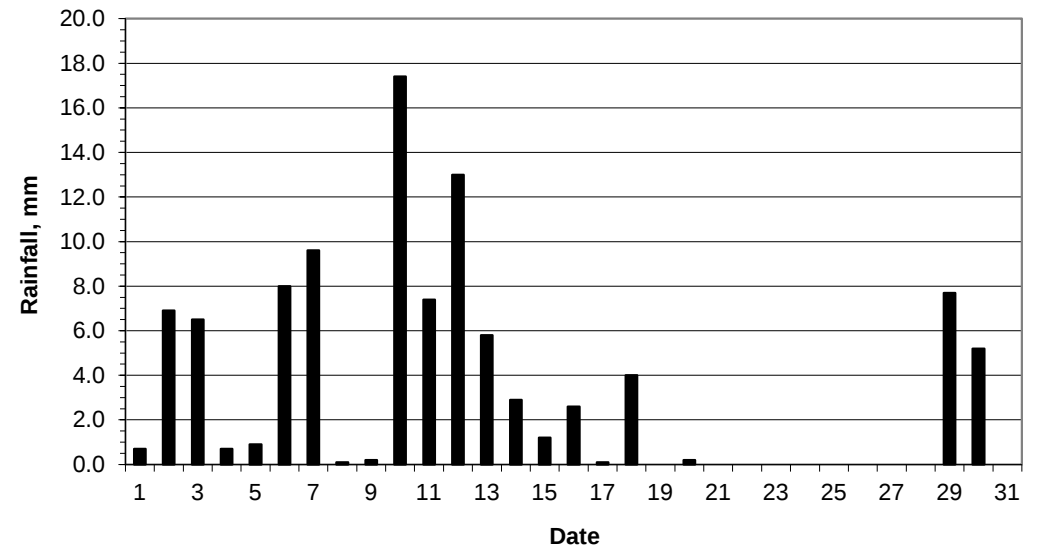
Key
DD: date
07GMT observations
N cloud cover (oktas, 9=obscured) dd wind direction (degrees/10)
ff wind speed (knots)
ww present weather code
1 cloud decreasing 25 recent rain shower
2 sky not changing 51 intermittent slight drizzle
3 cloud increasing 60 intermittent slight rain
21 recent rain 80 light 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



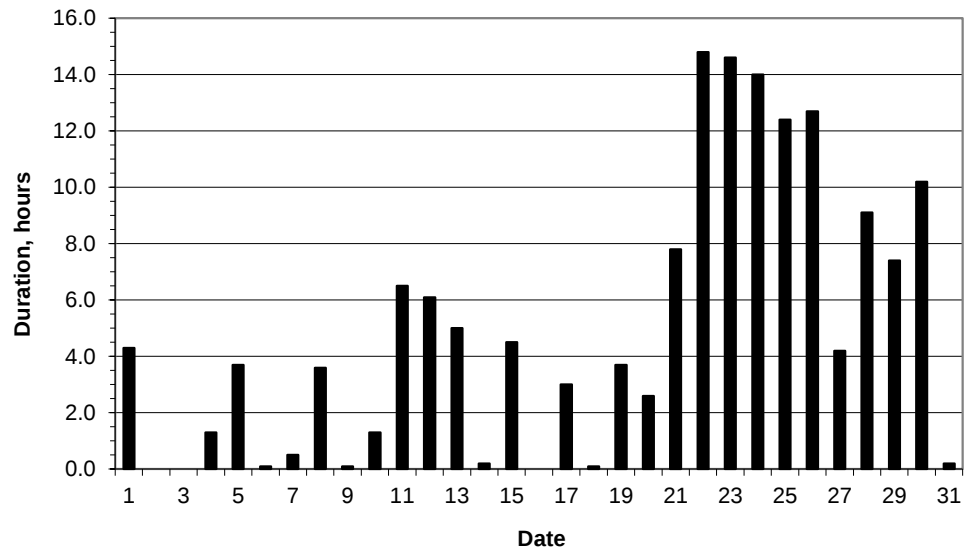
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

