

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR MAY 2024

						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	8	05	02	02	97	14.2	83	19.3	9.7	6.0	11.6	11.5	11.5	11.5	10.7	10.3	10	0	6.8	1.8	0	0	0	0	0	0	1010.0	1.4	0.0	1.1	Number of		
02	8	05	02	05	96	12.3	93	15.4	11.2	9.9	12.0	12.1	12.2	12.0	11.1	10.5	10	0	5.6	0.1	0	0	0	1	0	0	1001.5	5.0	0.0	0.5	days with		
03	8	23	02	61	95	9.7	96	13.0	9.5	9.4	11.4	11.6	11.9	12.0	11.2	10.6	10	0	3.7	0.0	0	0	0	0	0	0	1009.0	2.3	0.0	0.5	2024	normal	
04	8	18	02	02	97	12.8	72	18.4	7.0	4.3	11.1	11.0	11.5	11.7	11.2	10.6	10	0	0.0	6.9	0	0	0	0	0	0	1012.5	0.0	0.0	1.5	Snow/sleet falling		
05	1	05	02	02	97	16.5	63	18.9	5.4	3.6	11.1	10.5	11.6	12.2	11.5	10.9	10	0	0.7	6.2	0	0	0	0	0	0	1009.0	0.3	0.0	1.4	0	0.0	
06	7	36	02	01	97	13.7	87	17.2	10.1	7.0	12.1	12.2	12.6	12.5	11.7	11.0	10	0	6.2	0.0	0	0	0	0	0	0	1007.5	3.5	0.0	0.5	50% snow cover 09GMT		
07	0	09	02	02	97	17.2	62	21.1	7.7	5.3	10.9	11.2	12.0	12.4	11.7	11.1	10	0	0.0	12.7	0	0	0	0	0	0	1021.0	0.0	0.0	2.0	0	0.0	
08	2	09	02	05	96	13.9	75	21.8	8.9	6.1	12.4	12.6	12.6	12.8	12.0	11.3	10	0	0.0	10.2	0	0	0	0	0	0	1030.0	0.0	0.0	2.1	Hail or ice pellets		
09	2	23	02	02	97	18.0	69	23.4	9.7	7.8	13.3	13.5	13.4	13.6	12.7	11.4	10	0	0.0	12.6	0	0	0	0	0	0	1028.0	0.0	0.0	2.7	0	0.5	
10	3	09	02	02	97	20.4	57	25.1	10.1	7.9	13.7	13.9	13.9	14.2	13.3	11.7	03	0	0.0	13.2	0	0	0	0	0	0	1025.0	0.0	0.0	3.1	Thunder		
11	2	09	02	02	97	17.2	72	23.6	9.9	7.3	14.1	14.3	14.6	14.6	13.6	11.9	03	0	0.0	11.8	0	0	0	0	0	0	1021.5	0.0	0.0	2.6	2	1.5	
12	7	09	09	05	97	20.8	64	27.6	11.7	8.8	14.2	14.4	14.8	14.9	13.8	12.1	03	0	0.0	12.9	0	0	0	0	0	0	1013.5	0.0	0.0	3.4	Gale		
13	8	18	18	09	97	15.1	74	18.9	12.8	11.2	15.1	15.3	15.6	15.4	14.2	12.4	03	0	3.0	1.9	0	0	0	0	0	0	1008.0	2.6	0.0	2.0	0	0.0	
14	8	18	18	02	97	13.9	94	17.9	13.7	13.9	15.2	15.4	15.5	15.1	14.1	12.5	10	0	0.3	1.0	0	0	0	0	0	0	1000.1	0.4	0.0	1.4	Fog at 09GMT		
15	6	13	13	02	97	16.4	71	20.7	13.1	11.0	14.4	14.5	15.0	14.8	14.0	12.7	10	0	0.0	10.8	0	0	0	0	0	0	1004.0	0.0	0.0	2.4	0	0.0	
16	8	00	00	00	97	15.3	82	18.7	8.6	6.6	13.2	13.4	14.0	14.6	14.0	12.8	10	0	7.0	0.1	0	0	0	0	0	0	1004.5	0.8	0.0	0.8	Air frost		
17	8	00	00	00	94	17.8	77	22.6	9.7	7.5	14.9	14.2	14.2	14.3	13.9	12.9	10	0	0.0	10.0	0	0	0	0	0	0	1009.5	0.0	0.0	2.1	0	0.1	
18	7	05	05	02	96	15.7	80	19.9	11.1	9.0	12.9	14.5	15.0	15.0	13.8	12.8	10	0	tr	3.9	0	0	0	0	0	0	1013.5	0.0	0.0	1.4	Ground frost		
19	7	36	36	02	97	16.1	71	23.8	8.5	6.4	13.7	13.7	14.5	14.7	14.1	13.0	10	0	0.0	10.6	0	0	0	0	0	0	1014.5	0.0	0.0	2.8	0	1.3	
20	2	05	05	09	97	16.3	65	22.0	8.9	6.6	12.6	13.1	14.4	15.0	14.2	13.1	10	0	0.0	14.1	0	0	0	0	0	0	1015.0	0.0	0.0	2.9	0.2mm precipitation		
21	8	36	36	05	97	12.9	85	15.2	11.1	9.0	13.7	14.1	14.9	15.1	14.4	13.1	03	0	3.5	0.0	0	0	0	0	0	0	1010.0	5.2	0.0	0.3	15	11.6	
22	8	27	27	02	97	13.8	97	15.9	12.9	12.6	14.3	14.5	14.6	14.6	14.1	13.2	10	0	7.3	0.1	0	0	0	0	0	0	1005.5	4.2	0.0	0.5	1.0mm precipitation		
23	8	27	27	09	97	14.4	77	18.8	11.8	10.0	13.9	14.0	14.2	14.4	14.0	13.3	10	0	0.0	5.1	0	0	0	0	0	0	1013.5	0.0	0.0	2.0	13	8.7	
24	8	23	23	02	97	13.9	72	19.1	8.3	6.1	12.9	13.0	13.9	14.6	14.1	13.2	10	0	0.0	5.8	0	0	0	0	0	0	1018.8	0.0	0.0	1.8	5.0mm precipitation		
25	7	09	02	03	97	17.9	60	21.6	8.5	6.8	12.9	13.1	14.0	14.8	14.2	13.3	10	0	5.1	11.4	0	0	0	0	0	0	1017.5	4.5	0.0	2.9	7	3.4	
26	8	18	02	80	97	16.4	85	20.8	12.9	12.4	14.6	14.9	15.2	15.4	14.6	13.3	10	0	5.6	6.5	0	0	0	1	0	0	1010.5	1.2	0.0	1.3	No sunshine		
27	7	23	05	03	97	15.6	63	19.2	10.2	8.7	12.9	13.9	15.0	15.5	14.8	13.4	10	0	1.4	9.8	0	0	0	0	0	0	1015.0	1.0	0.0	2.2	4	2.5	
28	8	18	02	60	96	14.6	94	18.6	10.3	8.5	14.0	14.4	14.9	15.5	14.8	13.5	10	0	2.2	0.0	0	0	0	0	0	0	1012.5	1.2	0.0	0.8	The warmest May since 2018		
29	7	27	05	02	97	18.6	68	20.7	12.6	11.4	14.3	14.4	14.9	15.1	14.6	13.7	10	0	tr	5.3	0	0	0	0	0	0	1009.5	0.0	0.0	2.2	although 27.6C was only the		
30	8	27	02	02	97	16.1	71	18.2	12.4	11.6	14.3	14.7	15.3	15.6	14.9	13.6	10	0	2.9	1.4	0	0	0	0	0	0	1009.5	1.4	0.0	1.2	highest May temperature for		
31	7	31	09	02	97	12.9	76	15.6	11.0	9.4	13.8	13.9	14.5	15.2	14.7	13.7	10	0	tr	0.2	0	0	0	0	0	0	1019.0	0.0	0.0	1.3	four years. The 100 cm depth		
Monthly means						15.5	76	19.8	10.3	8.5	13.3	13.5	13.9	14.2	13.4	12.4											1012.9			mean soil temperature was the			
Monthly totals																												35.0	0.0	53.7	highest since 2011 for May. The		
Highest values																												5.2	0.0	3.4	sunshine total was less than in		
Lowest values						20.8		27.6	13.7	13.9	15.2	15.4	15.6	15.6	14.9	13.7															2022. Rainfall was the most in		
1991-2020 monthly climatological averages						9.7	57	13.0	5.4	3.6	10.9	10.5	11.5	11.5	10.7	10.3															May for three years - although 7		
						72	18.6	8.6	6.4	12.0	12.2	13.1	13.1	12.4	11.5													1016.4	38.3	0.1	68.1	days recorded 5 mm or more,	
																														the greatest number in May			
																														(with 2006) since 8 days in			
																														2002.			

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	50	intermittent slight drizzle
2	sky not changing	60	intermttent slight rain
3	cloud increasing	63	continuous moderate rain
21	recent rain shower	80	slight rain hower
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

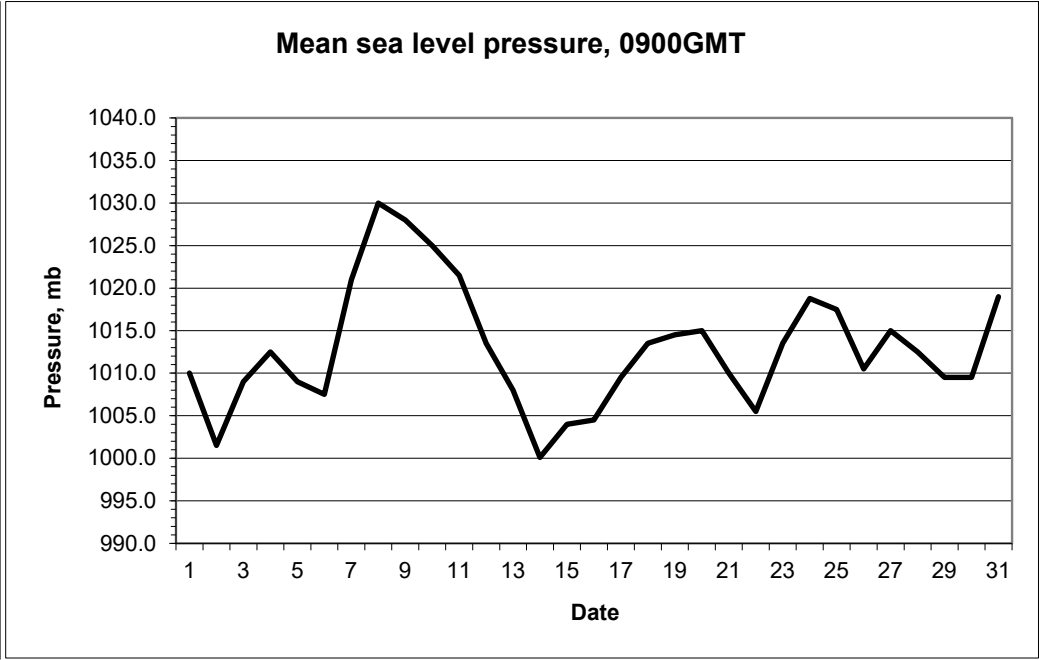
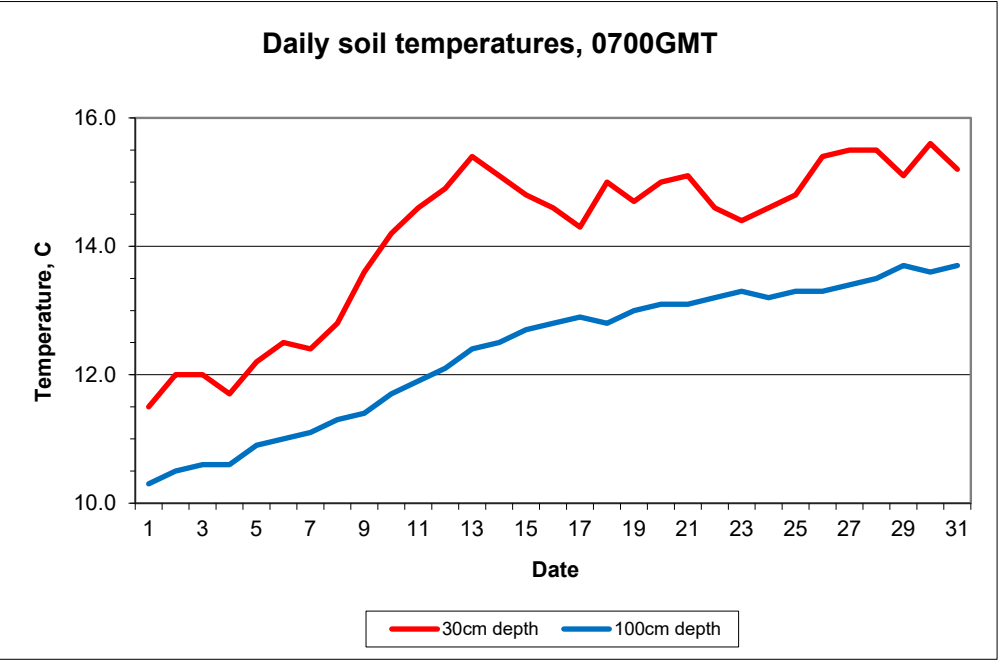
Temp	temperature (degC)	RH	relative humidity (%)
E	state of ground (00 dry, 10 moist, 20 wet, 90 cracked)	SS	snow depth (cm)
Press	air pressure (mb)		

24 hour readings

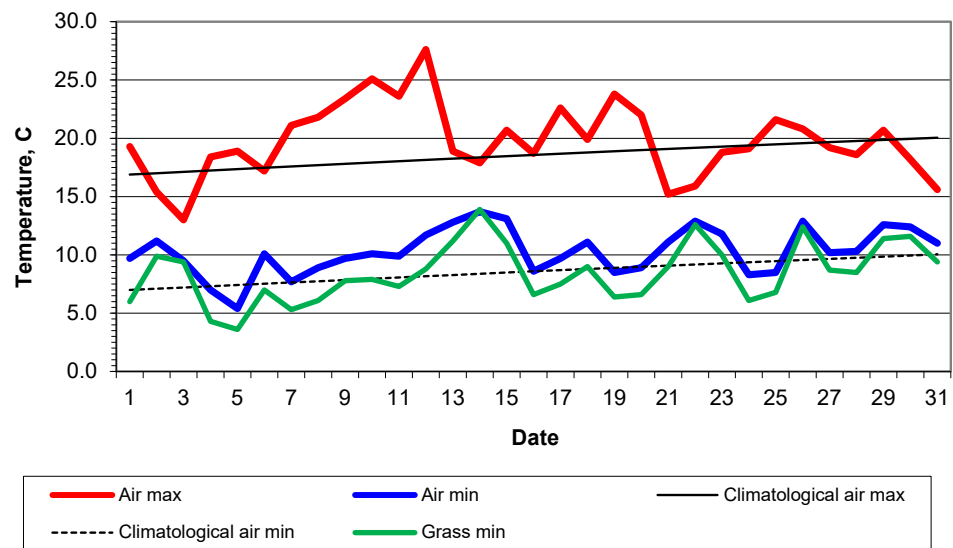
Max	maximum temperature (degC) beginning 09GMT	Min	minimum temperature (degC) ending 09GMT
Gmin	grass minimum temperature (degC) ending 09GMT	Rain	precipitation beginning 09GMT
Sun	sunshine (hours) sunrise-sunset	Rain hrs	hours of rainfall (>0.1mm/h) 09-09GMT
Fr. Hrs	hours of air frost (00-24GMT)	Pch Evap	Piche evaporation (ml) beginning 09GMT

Days with

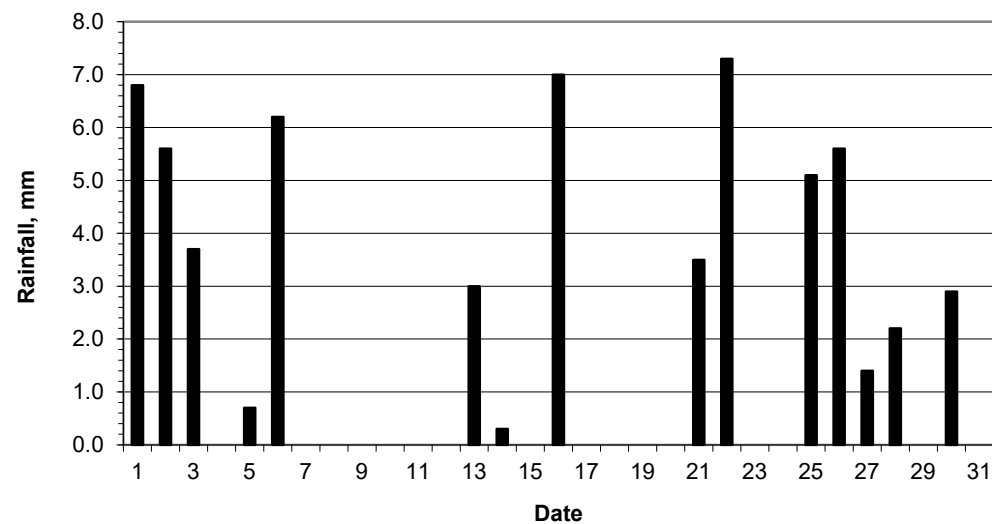
S	snow(5) or sleet(1) falling	L	50% snow cover at 09GMT	H	hail or ice pellets
T	thunder heard	G	gale	F	fog at 09GMT



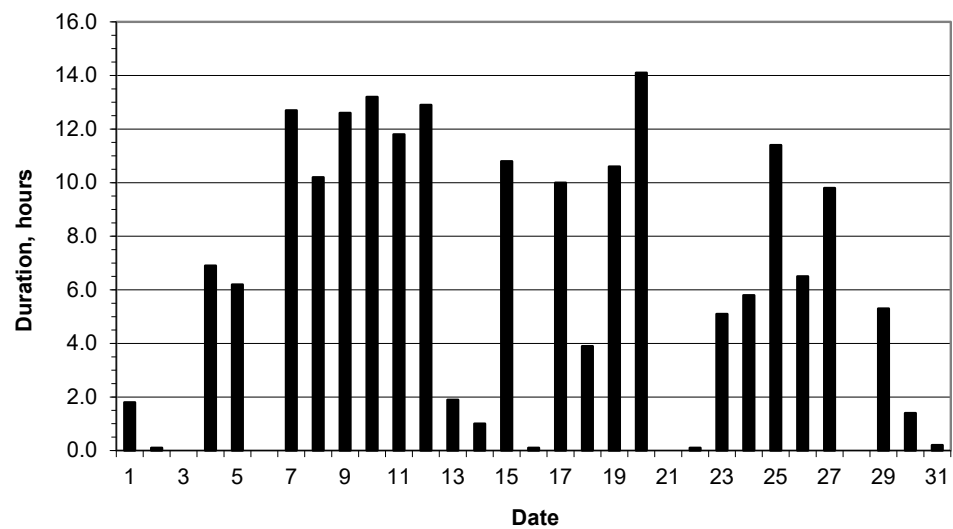
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

