

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR SEPTEMBER 2023

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 hrs	Fr. hrs	Pch Evap	
						Temp	RH	Max	Min	Gmin	5	10	20	30	50	100															
01	8	05	02	60	96	17.2	96	21.5	13.4	12.1	15.8	16.1	16.6	16.6	16.5	16.7	20	0	0.3	1.2	0	0	0	0	0	0	1010.0	0.1	0.0	0.6	Number of
02	7	05	02	02	97	19.5	84	24.2	15.2	12.8	16.8	17.0	17.0	17.0	16.6	16.5	10	0	tr	6.4	0	0	0	0	0	0	1019.5	0.0	0.0	1.8	days with
03	1	00	00	02	96	19.4	89	25.8	12.8	11.0	15.4	15.9	17.0	17.5	17.0	16.5	10	0	0.0	10.2	0	0	0	0	0	0	1027.5	0.0	0.0	1.8	2023 normal
04	8	00	00	05	94	20.6	92	29.6	14.9	12.1	16.7	16.9	17.5	17.8	17.2	16.6	10	0	0.0	11.7	0	0	0	0	0	0	1024.0	0.0	0.0	3.4	Snow/sleet falling
05	0	09	02	02	97	22.0	74	30.0	14.7	11.2	16.1	16.7	17.6	18.0	17.5	16.8	03	0	0.0	12.0	0	0	0	0	0	0	1017.5	0.0	0.0	3.2	0 0.0
06	6	05	02	01	96	21.8	73	29.5	15.4	13.3	17.1	17.5	18.4	18.4	17.7	16.8	03	0	0.0	8.6	0	0	0	0	0	0	1019.5	0.0	0.0	1.9	50% snow cover 09GMT
07	2	05	02	02	97	24.0	73	31.3	17.3	14.1	18.2	18.5	19.1	19.0	18.1	16.9	03	0	0.0	9.8	0	0	0	0	0	0	1017.5	0.0	0.0	2.3	0 0.0
08	7	18	02	02	97	22.1	83	30.0	17.1	14.8	18.1	18.6	19.2	19.4	18.6	17.1	03	0	0.0	4.3	0	0	0	0	0	0	1017.0	0.0	0.0	2.1	Hail or ice pellets
09	0	00	00	02	97	23.9	76	31.9	16.8	14.7	18.3	19.0	19.6	19.6	18.7	17.2	03	0	0.0	10.3	0	0	0	0	0	0	1016.0	0.0	0.0	2.4	0 0.1
10	2	00	00	02	97	23.9	81	26.7	17.7	15.1	18.1	19.3	20.0	19.9	19.0	17.4	03	0	0.7	3.6	0	0	0	0	0	0	1014.5	0.7	0.0	1.0	Thunder
11	8	23	05	02	97	20.9	81	25.6	18.2	15.8	19.1	19.4	19.6	19.7	19.0	17.6	03	0	0.0	5.0	0	0	0	0	0	0	1014.0	0.0	0.0	1.9	4 1.0
12	7	23	02	02	97	19.3	89	22.4	17.0	15.2	18.4	19.1	19.7	19.8	19.1	17.7	03	0	1.3	0.0	0	0	0	1	0	0	1014.0	2.8	0.0	1.0	Gale
13	7	36	02	02	97	15.8	80	19.6	13.4	13.6	16.2	17.0	18.3	19.0	18.7	17.7	10	0	0.0	3.0	0	0	0	0	0	0	1022.0	0.0	0.0	1.2	0 0.0
14	2	23	02	02	97	16.8	82	23.8	10.7	10.3	14.8	15.9	17.4	18.2	18.2	17.8	03	0	0.0	10.1	0	0	0	0	0	0	1022.0	0.0	0.0	1.8	Fog at 09GMT
15	0	05	02	02	97	17.4	88	24.7	9.7	8.9	14.3	15.2	16.9	18.0	18.0	17.6	03	0	0.0	9.6	0	0	0	0	0	0	1016.0	0.0	0.0	2.0	0 0.2
16	4	00	00	02	97	18.3	90	25.6	12.7	11.0	15.1	16.0	17.1	17.9	17.7	17.5	03	0	0.0	5.1	0	0	0	0	0	0	1013.5	0.0	0.0	2.4	Air frost
17	8	05	05	02	97	18.9	84	21.0	15.9	12.5	17.3	17.7	18.1	18.1	17.8	17.4	03	0	7.6	0.1	0	0	0	1	0	0	1011.0	2.5	0.0	0.7	0 0.0
18	6	23	02	02	97	17.7	93	19.3	15.9	14.0	16.8	17.3	18.0	18.0	17.7	17.4	10	0	0.2	4.3	0	0	0	1	0	0	1000.0	0.2	0.0	1.5	Ground frost
19	8	23	13	02	97	17.4	79	19.5	12.5	10.4	15.1	15.5	16.5	17.4	17.4	17.4	10	0	0.1	0.1	0	0	0	0	0	0	1005.5	0.1	0.0	1.6	0 0.2
20	7	23	13	02	97	19.4	71	19.5	17.2	14.9	16.2	16.7	17.1	17.3	17.1	17.2	10	0	34.1	0.2	0	0	0	0	0	0	999.0	7.2	0.0	1.0	0.2mm precipitator
21	1	18	02	10	95	13.8	99	18.5	8.9	7.4	13.3	14.5	15.9	16.9	16.9	17.1	20	0	1.6	5.8	0	0	0	1	0	0	996.5	0.7	0.0	0.5	9 12.0
22	1	27	02	02	97	13.4	98	18.7	8.7	7.0	12.7	13.8	15.2	16.5	16.6	17.0	10	0	tr	7.0	0	0	0	0	0	0	1001.0	0.0	0.0	1.0	1.0mm precipitator
23	0	27	02	02	97	13.7	89	19.2	7.1	5.5	11.3	12.6	14.4	16.0	16.3	16.9	10	0	0.1	7.3	0	0	0	0	0	0	1016.0	0.2	0.0	1.5	5 7.9
24	8	18	05	02	97	17.8	84	21.5	10.2	7.6	14.2	14.4	15.0	15.7	16.0	16.7	10	0	0.1	2.2	0	0	0	0	0	0	1018.5	0.5	0.0	1.7	5.0mm precipitator
25	1	23	02	02	97	17.5	86	22.1	13.7	10.5	14.5	15.1	15.9	16.1	16.0	16.5	10	0	0.5	9.6	0	0	0	0	0	0	1019.0	0.2	0.0	1.7	3 3.2
26	8	13	02	10	96	18.2	97	21.7	12.0	9.4	14.7	15.0	15.6	16.3	16.1	16.4	10	0	0.1	4.6	0	0	0	0	0	0	1015.5	0.1	0.0	1.2	No sunshine
27	8	13	02	02	97	17.2	94	21.0	14.4	11.6	15.0	15.4	15.9	16.1	16.1	16.4	10	0	0.0	1.1	0	0	0	0	0	0	1016.0	0.0	0.0	1.8	1 2.4
28	8	23	05	02	97	15.7	78	18.8	15.0	11.7	13.2	14.2	15.4	16.2	16.2	16.4	10	0	5.2	0.1	0	0	0	0	0	0	1015.0	4.1	0.0	0.8	Only June was a warmer
29	6	27	05	02	97	16.7	90	20.1	15.2	8.7	13.7	15.0	16.9	16.4	16.3	16.4	10	0	0.0	8.0	0	0	0	0	0	0	1018.5	0.0	0.0	1.3	month in 2023, although the
30	8	00	00	02	97	14.7	93	19.5	10.7	8.3	14.0	14.3	14.9	16.0	16.1	16.4	10	0	0.0	2.7	0	0	0	0	0	0	1026.0	0.0	0.0	1.4	9th had the highest
Monthly means						18.5	86	23.4	13.8	11.5	15.7	16.3	17.2	17.6	17.3	17.0											1014.7				temperature of 2023 at 31.9C.
Monthly totals																				51.9	164.0						19.4	0.0	48.5	It was the warmest September since before 1953 in the town.	
Highest values						24.0		31.9	18.2	15.8	19.1	19.4	20.0	19.9	19.1	17.8			34.1	12.0							7.2	0.0	3.4	The month had 4 days with thunder - the most in a month since 5 days in August 2020 -	
Lowest values																															and the 20th was the wettest day since September 2021.
1991-2020 monthly climatological average																															The night of 10th-11th was the warmest night of 2023.
						82	19.9	10.8	8.4	13.7	14.2	15.3	15.9	15.9	15.9			53.9	146.1								1016.6	37.4	0.0	49.3	

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	20	recent drizzle
2	sky not changing	44	fog
3	cloud increasing	63	continuous moderate rain
10	mist	91	light rain after thunderstorm

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)		

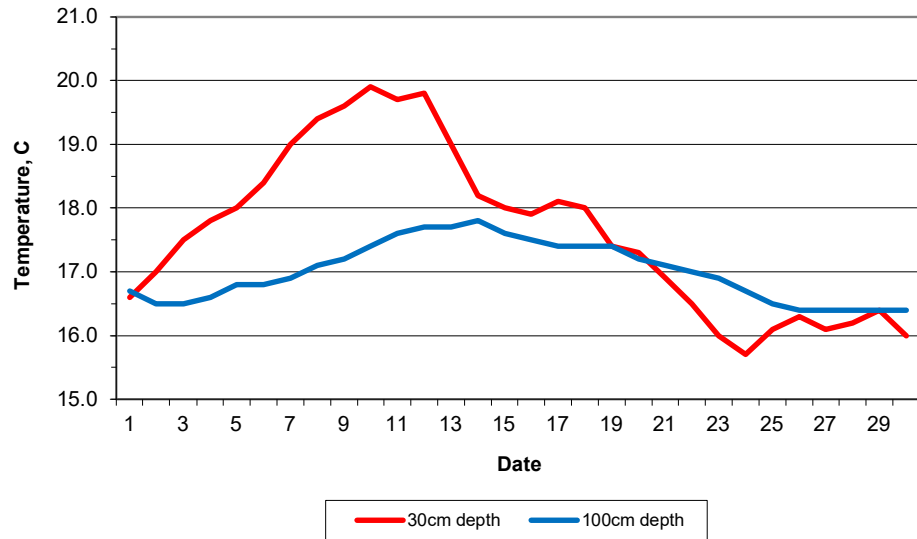
24 hour readings

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

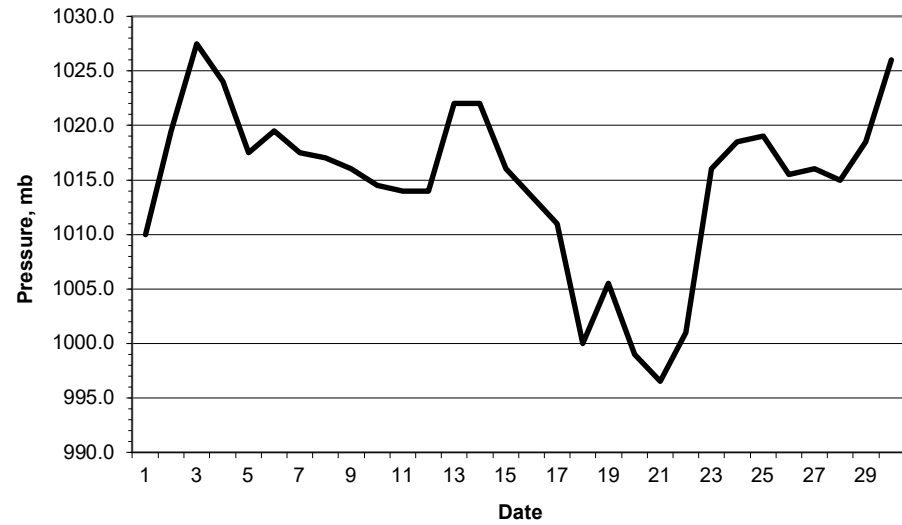
Days with

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

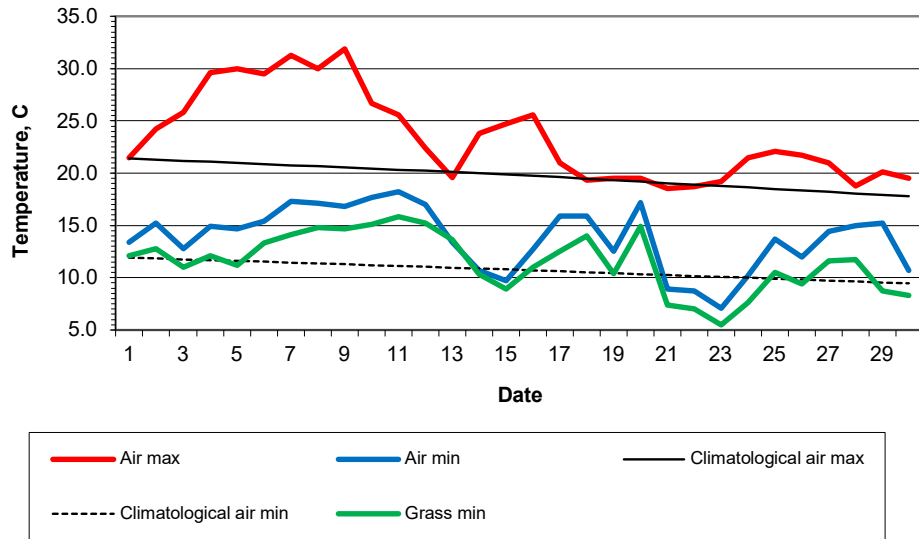
Daily soil temperatures, 0700GMT



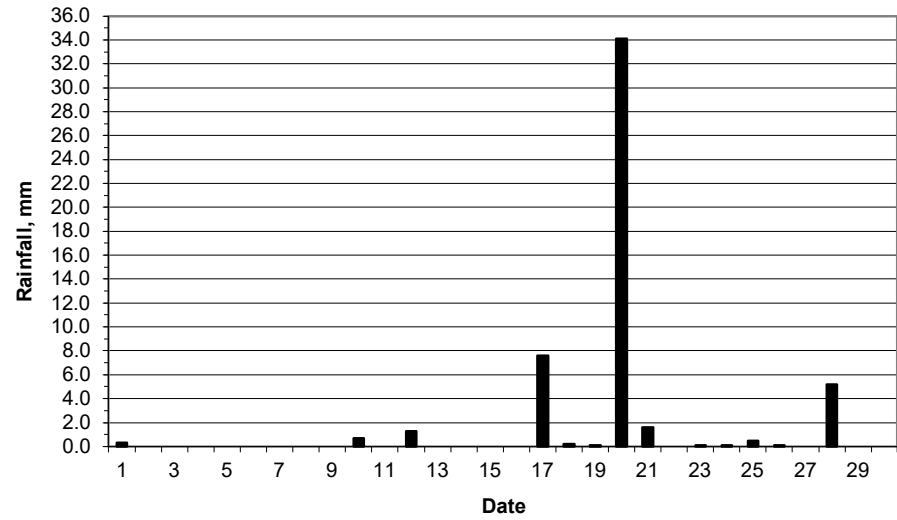
Mean sea level pressure, 0900GMT



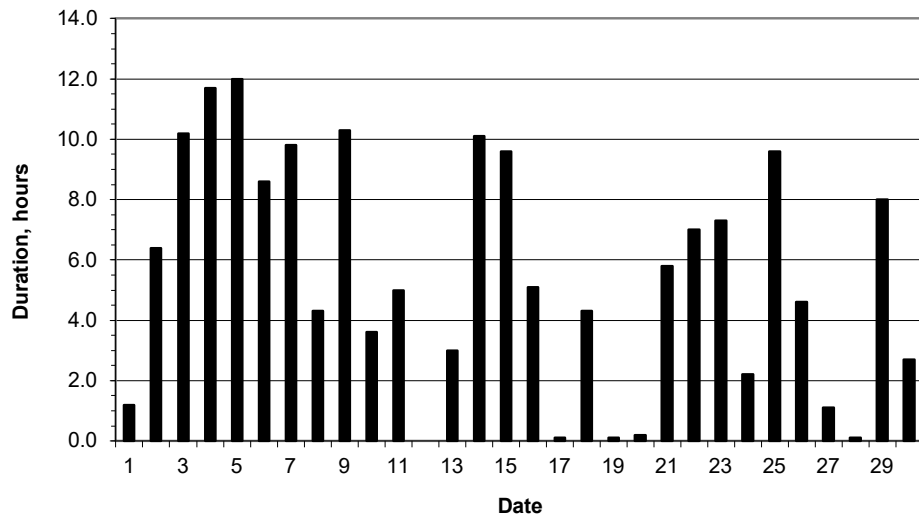
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

