

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR FEBRUARY 2010

						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	0	00	00	02	97	1.1	96	5.6	-0.5	-5.6	0.3	0.7	1.5	3.1	3.7	5.4	40	0	0.2	3.7	5	0	0	0	0	0	1015.0	0.2	2.0	1.5	Number of		
02	8	22	09	60	97	5.6	95	8.1	1.1	-3.6	2.1	1.6	2.5	3.0	3.7	5.3	10	0	2.6	0.0	0	0	0	0	0	1009.0	4.2	0.0	0.6	days with			
03	8	22	02	02	95	3.3	95	8.2	3.0	1.9	2.7	2.8	3.1	3.6	3.6	5.2	10	0	0.9	0.0	0	0	0	0	0	1011.0	7.0	0.0	0.7	2010	normal		
04	8	18	05	02	95	7.7	97	8.0	3.3	2.6	4.1	4.0	4.1	4.1	4.1	5.2	10	0	3.0	0.0	0	0	0	0	0	1009.0	4.3	0.0	0.4	Snow/sleet falling			
05	8	21	02	02	96	6.3	97	11.4	6.2	3.9	4.7	4.5	4.9	4.6	4.4	5.2	10	0	1.3	3.7	0	0	0	0	0	1003.5	1.4	0.0	0.8	11	3.0		
06	6	05	02	02	97	4.8	95	9.5	4.0	0.6	4.3	3.9	5.0	4.9	4.9	5.4	10	0	0.0	4.7	0	0	0	0	0	1011.5	0.0	0.0	1.0	50% snow cover 09GMT			
07	8	08	02	02	97	4.6	93	5.9	3.7	1.7	4.4	4.3	4.5	5.0	4.9	5.5	10	0	tr	0.2	0	0	0	0	0	1015.0	0.0	0.0	1.1	0	1.7		
08	8	04	05	25	97	2.6	86	2.6	2.4	1.3	3.2	3.1	4.0	5.0	4.9	5.5	10	0	1.0	0.0	5	0	0	0	0	1014.5	1.7	0.0	0.7	Hail or ice pellets			
09	6	03	09	02	97	2.0	86	5.5	0.6	-1.5	1.8	2.1	3.5	4.4	4.7	5.6	10	0	0.1	3.4	5	0	0	0	0	1013.5	0.1	0.0	1.1	0	0.4		
10	6	36	09	02	97	2.6	74	3.9	2.0	-2.1	2.1	2.1	3.1	4.1	4.4	5.6	10	0	0.4	5.7	5	0	0	0	0	1017.5	0.2	0.0	1.0	Thunder			
11	6	36	05	02	97	1.2	86	3.8	-0.2	-3.0	1.1	1.2	2.4	3.7	4.1	5.5	X1	<1	0.1	7.8	0	0	3	0	0	1023.5	0.1	1.5	1.5	0	0.2		
12	7	33	05	02	97	3.5	89	5.2	-0.8	-4.0	2.2	1.7	2.4	3.4	3.7	5.4	10	0	0.6	0.2	0	0	0	0	0	1024.0	0.6	2.2	1.1	Gale			
13	2	04	02	03	97	2.0	71	4.0	1.3	-0.6	1.9	1.9	2.9	3.6	3.7	5.3	10	0	0.3	0.4	5	0	0	0	0	1025.0	0.2	0.0	0.8	0	0.3		
14	8	32	02	70	96	2.2	96	4.5	0.2	-2.5	2.3	2.0	3.1	3.6	3.8	5.3	10	0	0.9	0.2	5	0	0	0	0	1019.5	0.9	0.0	0.3	Fog at 09GMT			
15	8	22	02	02	96	1.5	96	4.3	0.0	-2.1	2.3	2.2	3.0	3.7	3.8	5.1	10	0	3.3	0.0	0	0	0	0	0	1010.0	4.2	0.0	0.6	0	2.4		
16	7	23	05	21	97	4.3	91	5.4	1.5	-0.6	3.4	3.0	3.6	3.8	3.9	5.1	10	0	5.6	0.0	0	0	0	0	0	995.5	10.3	0.0	0.2	Air frost			
17	8	12	02	21	96	4.4	94	8.4	2.2	1.6	3.3	3.3	3.5	4.1	4.1	5.1	10	0	0.7	7.8	0	0	0	0	0	993.0	1.1	0.0	0.9	6	9.3		
18	8	09	02	02	95	2.5	93	5.5	-0.8	-5.3	2.6	2.3	4.1	4.2	4.2	5.2	X1	<1	4.4	0.0	1	0	0	0	0	994.0	4.0	3.1	0.5	Ground frost			
19	8	31	02	02	96	3.7	96	6.9	1.4	0.7	3.0	2.8	2.6	4.1	4.2	5.2	10	0	0.0	3.2	0	0	0	0	0	996.0	0.0	1.3	0.6	14	17.5		
20	0	22	02	02	97	0.2	96	7.5	-2.3	-4.7	1.2	1.3	2.9	4.0	4.2	5.2	40	0	0.7	8.4	5	0	0	0	0	999.5	0.5	11.5	1.5	0.2mm precipitation			
21	8	18	05	02	97	2.9	93	8.1	-3.0	-4.9	2.2	1.7	3.6	3.9	4.1	5.2	10	0	9.3	1.2	0	0	0	0	0	995.0	10.8	6.0	0.5	23	11.4		
22	8	05	09	61	95	2.0	98	3.1	2.0	1.8	2.3	3.3	3.5	4.0	4.0	5.2	20	0	1.2	0.0	5	0	0	0	0	986.5	2.5	0.0	0.5	1.0mm precipitation			
23	8	09	05	20	96	2.0	92	7.4	1.7	1.4	2.8	2.6	3.7	3.9	4.1	5.2	10	0	4.9	0.0	1	0	0	0	0	995.0	5.2	0.0	0.9	15	9.1		
24	8	13	02	02	96	7.4	95	10.4	2.0	0.9	3.9	3.4	5.0	4.0	4.2	5.1	10	0	1.5	0.5	0	0	0	0	0	994.0	3.3	0.0	0.6	5.0mm precipitation			
25	8	22	02	02	96	7.4	99	9.5	7.0	4.6	5.4	5.1	6.0	4.8	4.4	5.1	10	0	7.0	0.0	0	0	0	0	0	993.5	8.8	0.0	0.5	4	3.0		
26	8	27	09	02	97	5.7	74	9.0	5.3	4.4	5.5	5.3	5.1	5.4	4.7	5.2	10	0	3.9	6.4	0	0	0	0	0	989.5	4.3	0.0	2.1	No sunshine			
27	6	20	05	21	97	7.3	88	10.0	1.8	-1.2	5.1	4.8	5.1	5.4	5.1	5.4	20	0	7.4	1.8	0	0	0	0	0	996.5	8.9	0.0	0.7	10	9.2		
28	8	36	13	61	97	5.3	95	6.2	5.2	3.0	5.4	5.4	5.8	5.8	5.3	5.2	10	0	2.8	0.5	0	0	0	0	0	985.5	3.2	0.0	0.5	Overall a cyclonic month due to the final 13 days of the month. Daytime temperatures were lower than average with only three days exceeding 3C although there was less air frost than usual. Snow or sleet fell on 11 days but amounts were small.			
Monthly means						3.8	91	6.7	1.8	-0.4	3.1	2.9	3.7	4.2	4.2	5.3											1004.8						
Monthly totals																64.1	59.8											88.0	27.6	23.2			
Highest values						7.7	11.4	7.0	4.6	5.5	5.4	6.0	5.8	5.3	5.6	9.3	8.4											10.8	11.5	2.1			
Lowest values						0.2	71	2.6	-3.0	-5.6	0.3	0.7	1.5	3.0	3.6	5.1																	
1971-2000 monthly climatological averages						88	8.3	1.6	-1.3	3.4	3.6	4.5	5.0	5.1	6.1	42.8	67.5											1016.8	45.7	95.2	31.1		

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	slight drizzle
2	sky not changing	60	intermittent slight rain
3	cloud increasing	61	continuous slight rain
21	recent rain	71	continuous slight snow
25	recent rain shower	95	light 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 (X0 hail, X1 to X9 snow lying, 10 moist, 20 wet, 40 frozen)		
SS	snow depth (cm)		
Press	air pressure (mb)		

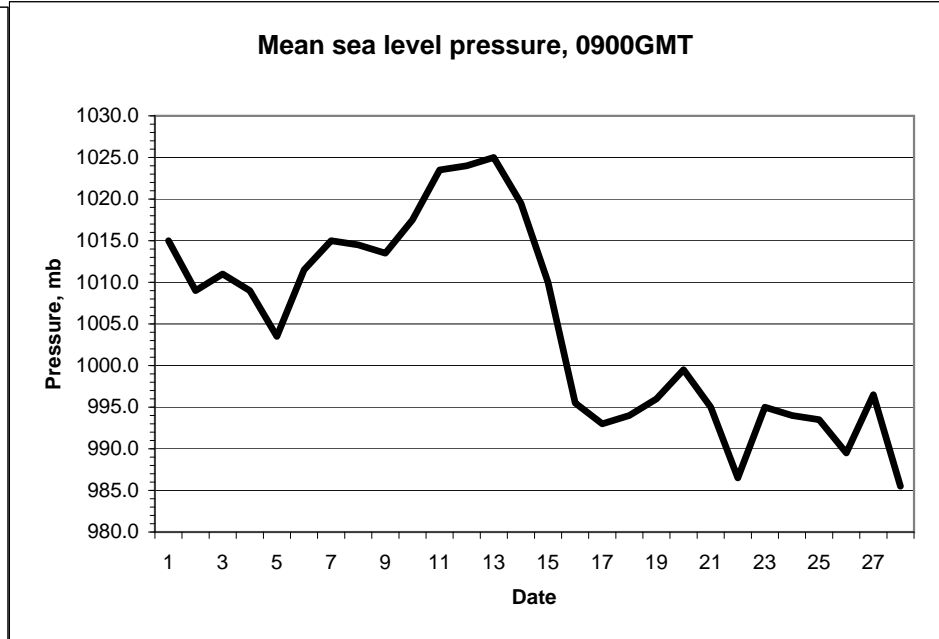
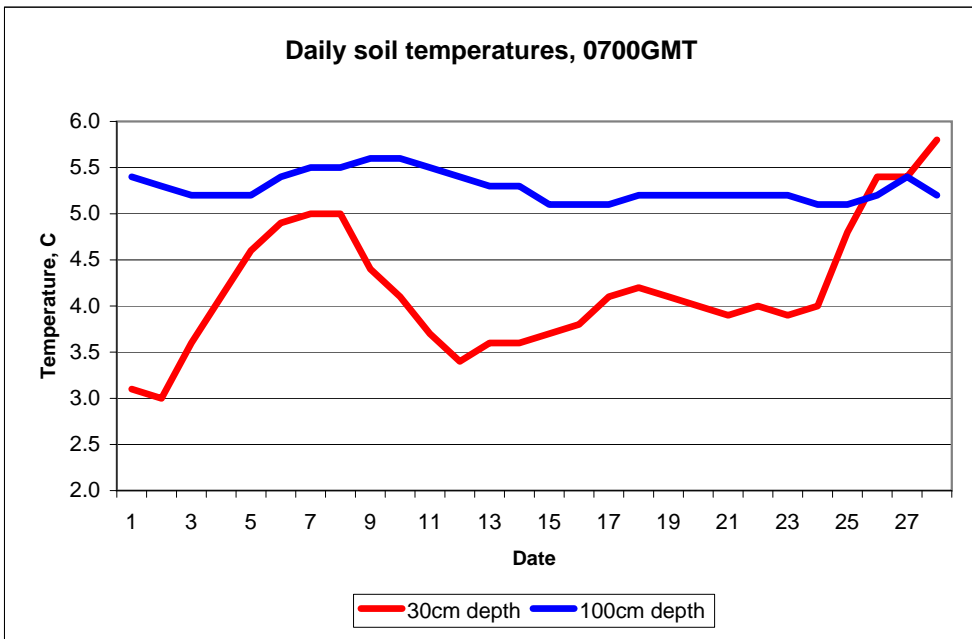
24 hour readings

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

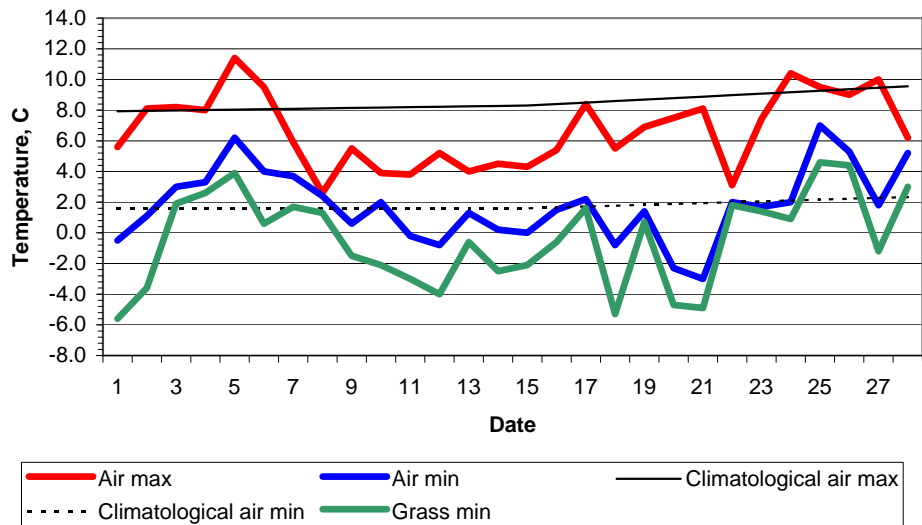
Days with

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

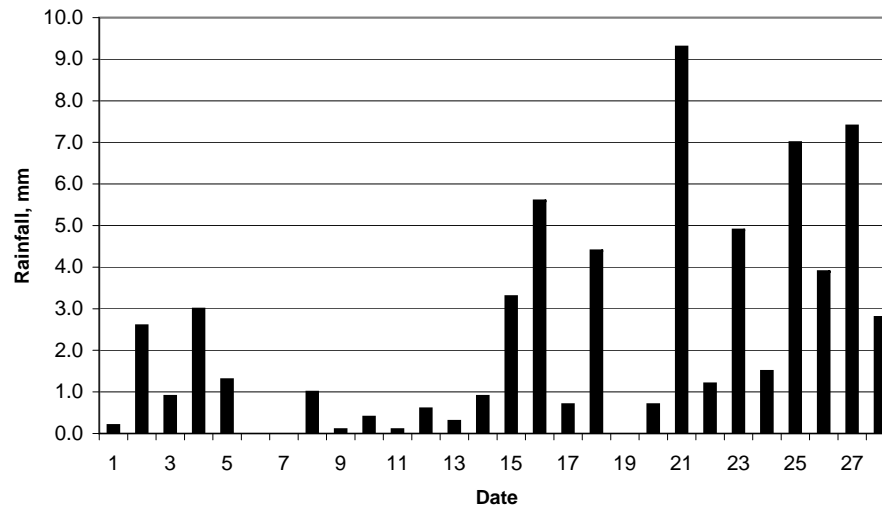
This information (and data for earlier months) is also available at <http://www.met.rdg.ac.uk/~brugge>



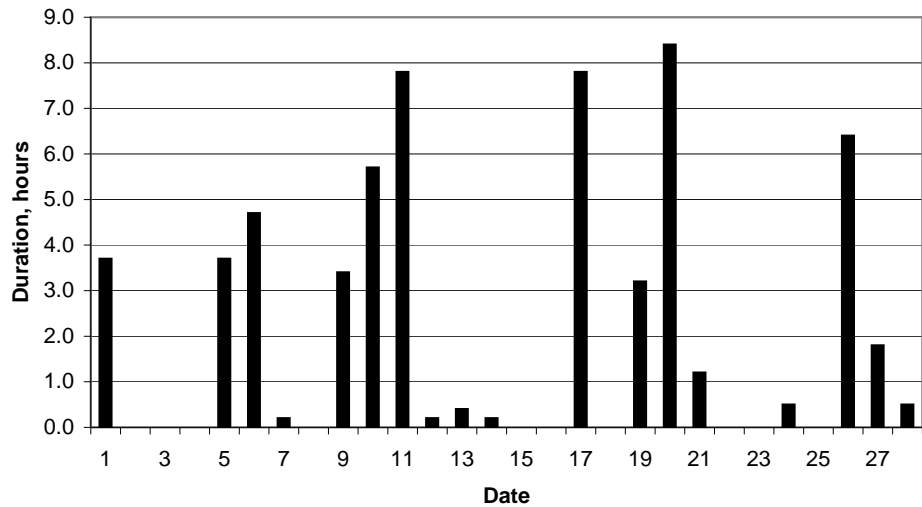
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

