

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR FEBRUARY 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	Rain	hrs	Fr.	hrs	Evap															
01	1	05	05	02	96	-0.2	75	3.6	-1.1	-2.9	1.2	1.6	3.2	4.8	5.6	7.4	40	0	0.0	7.3	0	0	0	0	0	0	1032.5	0.0	6.5	0.0	Number of																
02	1	05	05	02	97	-1.6	76	3.4	-2.4	-5.1	0.5	0.7	2.5	4.1	5.2	7.1	40	0	0.0	7.4	0	0	0	0	0	0	1036.0	0.0	16.3	0.0	days with																
03	7	09	02	02	97	-3.0	83	3.3	-4.1	-7.1	-0.1	0.1	2.0	3.5	4.6	7.0	40	0	0.0	5.6	0	0	0	0	0	0	1040.0	0.0	16.9	0.0	2012	normal															
04	0	13	02	02	97	-4.8	89	2.9	-7.5	-9.3	-0.6	-0.2	1.5	3.1	4.3	6.8	40	0	15.7	4.2	5	0	0	0	0	0	1038.5	10.2	10.6	0.0	Snow/sleet falling																
05	8	32	02	02	96	1.3	96	2.6	-4.8	-6.9	0.2	0.1	1.7	2.9	4.2	6.5	X3	10	0.0	0.0	5	1	0	0	0	0	1027.0	0.0	0.0	0.0	5	3.7															
06	8	05	02	10	94	1.8	98	3.9	0.9	-0.1	0.6	0.6	1.7	2.9	3.7	6.2	X3	8	0.0	0.0	0	1	0	0	0	1	1033.0	0.0	0.0	0.0	50% snow cover 09GMT																
07	8	05	02	10	94	1.7	96	4.2	1.1	-0.7	1.2	1.1	2.1	3.0	3.6	6.1	X2	2	0.0	2.6	0	1	0	0	0	0	1039.0	0.0	6.3	0.2	7	1.8															
08	8	07	06	10	96	-0.1	71	0.5	-3.8	-6.2	0.6	0.6	2.1	3.0	3.8	6.0	X2	2	tr	0.0	5	1	0	0	0	0	1041.5	0.0	11.9	0.4	Hail or ice pellets																
09	8	05	02	10	96	-1.3	86	1.7	-1.4	-1.7	0.6	0.5	1.6	2.7	3.6	5.8	X1	1	3.2	0.0	5	0	0	0	0	0	1039.5	4.5	12.4	0.4	0	0.6															
10	7	09	02	01	96	-0.1	92	2.0	-1.3	-1.2	1.1	0.9	2.0	2.9	3.4	5.8	X8	8	0.0	0.4	5	1	0	0	0	0	1038.0	0.0	12.2	1.4	Thunder																
11	0	00	00	02	97	-6.4	92	3.0	-9.0	-10.0	0.3	0.4	1.7	2.7	3.3	5.6	X6	5	tr	6.7	0	1	0	0	0	0	1036.5	0.0	18.1	0.6	0	0.3															
12	8	00	00	02	96	-1.2	93	4.5	-7.6	-11.0	0.1	0.2	1.3	2.4	3.2	5.5	X6	4	0.2	0.0	0	1	0	0	0	0	1034.5	0.5	10.1	0.3	Gale																
13	7	27	02	10	94	3.2	96	6.6	-1.2	-0.4	0.6	0.5	1.5	2.5	3.1	5.4	X1	1	0.5	0.0	0	0	0	0	0	0	1028.0	0.3	0.0	0.7	0	0.2															
14	8	34	09	03	96	4.1	81	8.9	3.2	0.0	2.7	2.4	3.0	3.2	3.4	5.2	10	0	0.1	0.7	0	0	0	0	0	0	1026.0	0.1	0.0	1.2	Fog at 09GMT																
15	7	32	05	02	97	7.8	79	12.4	4.1	2.1	4.4	3.9	4.0	4.0	3.8	5.2	10	0	0.0	4.4	0	0	0	0	0	0	1025.5	0.0	0.0	1.6	1	1.7															
16	7	27	05	02	97	7.2	77	13.4	5.4	0.3	5.0	4.5	4.9	4.9	4.5	5.4	10	0	0.0	3.1	0	0	0	0	0	0	1028.0	0.0	0.0	1.0	Air frost																
17	8	24	02	02	97	8.0	96	12.3	4.0	0.2	4.4	4.5	6.2	5.3	4.9	5.6	10	0	0.0	0.7	0	0	0	0	0	0	1024.0	0.0	0.0	1.1	12	9.3															
18	7	22	09	02	97	8.9	82	10.7	8.0	5.3	6.6	6.1	4.3	5.9	5.3	5.8	10	0	3.6	0.2	0	0	0	0	0	0	1012.0	2.6	0.0	0.9	Ground frost																
19	7	27	05	03	97	3.6	82	8.1	0.9	-2.9	3.3	3.1	3.4	5.5	5.5	5.9	10	0	0.0	6.9	0	0	0	0	0	0	1023.0	0.0	3.2	0.6	17	17.2															
20	7	36	02	03	97	0.2	56	9.7	-4.2	-6.5	1.2	1.6	4.5	4.9	5.3	6.1	40	0	0.0	3.0	0	0	0	0	0	0	1031.5	0.0	9.3	1.3	0.2mm precipitation																
21	7	22	02	02	97	7.2	87	12.5	0.2	-1.0	4.5	4.1	6.0	5.0	5.1	6.1	10	0	tr	1.2	0	0	0	0	0	0	1028.0	0.0	0.0	1.2	7	12.1															
22	8	24	09	02	97	8.8	82	12.0	7.2	5.5	7.1	6.1	7.1	5.8	5.4	6.1	10	0	1.3	0.0	0	0	0	0	0	0	1025.0	1.7	0.0	0.7	1.0mm precipitation																
23	8	27	05	02	97	12.0	89	16.6	8.5	7.6	8.3	7.4	7.8	6.4	5.7	6.2	10	0	0.0	5.3	0	0	0	0	0	0	1023.0	0.0	0.0	0.9	4	9.4															
24	8	27	02	02	97	10.6	89	14.3	9.3	6.8	8.1	7.7	7.8	7.1	6.5	6.3	10	0	0.0	2.4	0	0	0	0	0	0	1026.0	0.0	0.0	1.0	5.0mm precipitation																
25	6	30	02	01	97	8.3	82	14.1	7.3	6.5	7.9	7.6	6.5	7.6	6.8	6.6	10	0	0.0	7.9	0	0	0	0	0	0	1026.5	0.0	0.0	1.0	1	3.2															
26	1	27	02	02	97	5.3	93	14.7	0.0	-2.5	5.0	4.9	7.0	7.4	7.1	6.9	10	0	0.4	9.5	0	0	0	0	0	0	1028.0	0.4	0.0	1.1	No sunshine																
27	8	24	02	02	96	8.2	91	11.3	5.3	1.8	7.2	6.7	7.0	7.3	7.1	7.0	10	0	0.1	0.0	0	0	0	0	0	0	1025.0	0.1	0.0	0.6	10	8.1															
28	8	24	02	02	96	10.4	90	12.2	8.2	7.9	8.4	8.0	8.0	7.6	7.2	7.1	10	0	0.0	0.0	0	0	0	0	0	0	1024.0	0.0	0.0	0.5	A month of two halves;																
29	0	21	02	02	96	10.0	92	13.1	8.8	7.6	8.6	8.2	8.3	8.1	7.2	7.1	10	0	0.0	0.0	0	0	0	0	0	0	1024.5	0.0	0.0	0.5	unusually cold then																
Monthly means						3.8	86	8.2	1.2	-0.8	3.4	3.2	4.2	4.7	4.9	6.2													1029.8	The maximum temperature of																	
Monthly totals																		25.1	79.5													20.4	133.8	19.2	16.6C recorded on this day												
Highest values						12.0		16.6	9.3	7.9	8.6	8.2	8.3	8.1	7.2	7.4													15.7	9.5													10.2	18.1	1.6	was the highest in February	
Lowest values						-6.4	56	0.5	-9.0	-11.0	-0.6	-0.2	1.3	2.4	3.1	5.2																									depth only since 2.2.2009						
1981-2010 monthly climatological averages						-6.4	56	0.5	-9.0	-11.0	-0.6	-0.2	1.3	2.4	3.1	5.2																									when 10cm also lay. -7.5C						
						88	8.5	1.8	-1.2	3.7	3.8	4.7	5.2	5.3	6.3													43.7	77.8													1017.8	48.7	82.9	29.7	February temperature since	
																																				1989.											

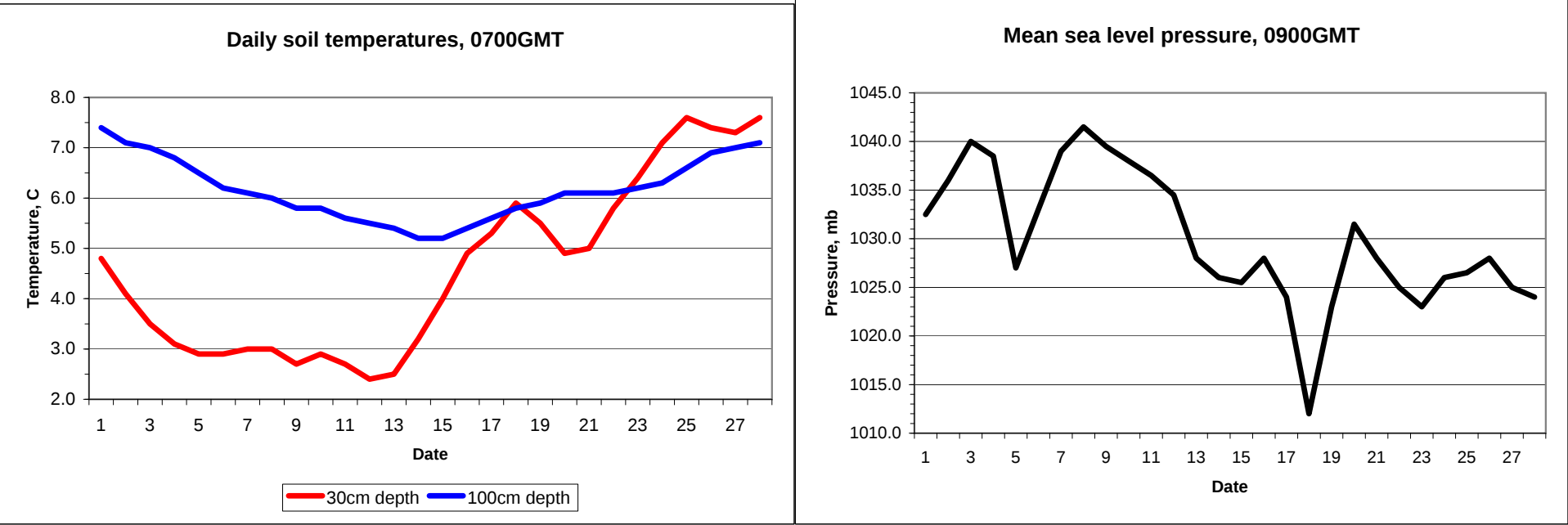
DD: date
07GMT observations
N cloud cover (oktas, 9=obscured) dd wind direction (degrees/10)
ff wind speed (knots)
ww present weather code
1 cloud decreasing 50 slight drizzle
2 sky not changing 60 intermittent slight rain
3 cloud increasing 61 continuous slight rain
21 recent rain 71 continuous slight 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)

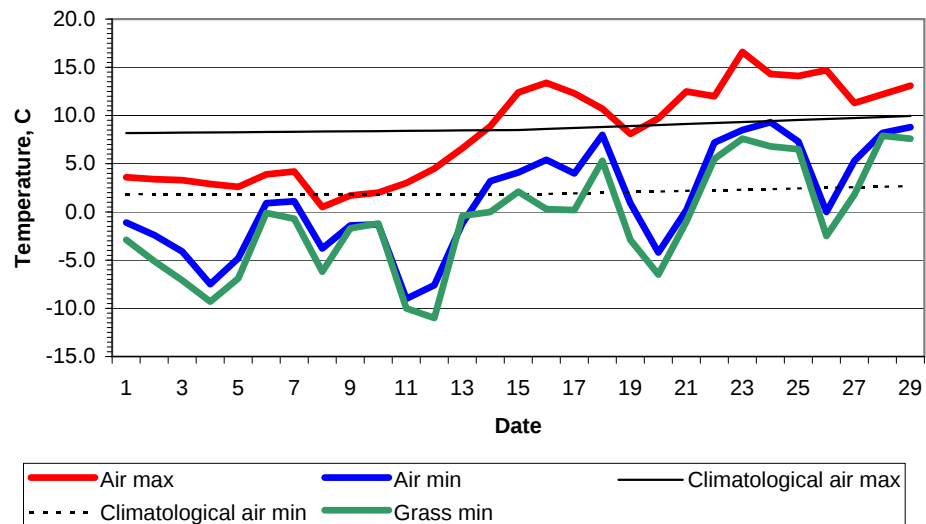
24 hour readings
Max maximum temperature (degC) beginning 09GMT Min minimum temperature (degC) ending 09GMT
Gmin grass minimum temperature (degC) ending 09GMT Rain precipitation beginning 09GMT
Sun sunshine (hours) sunrise-sunset Rain hrs hours of rainfall (>0.1mm/h) 09-09GMT
Fr. Hrs hours of air frost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

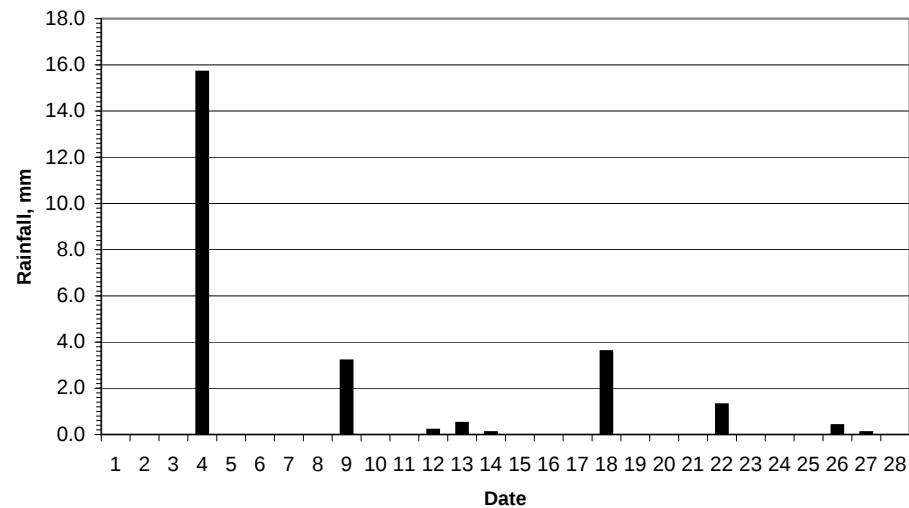
This information (and data for earlier months) is also available at <http://www.met.reading.ac.uk/~brugge>



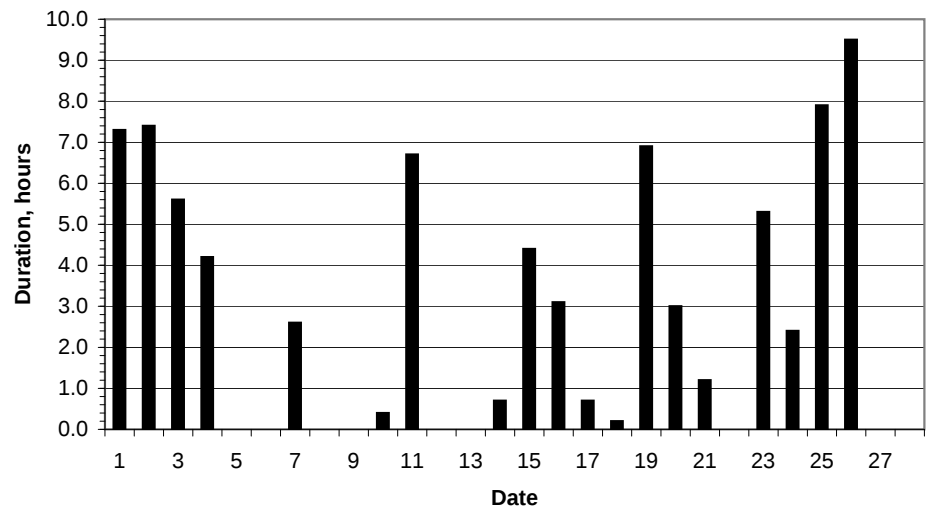
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

