

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR DECEMBER 2011

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	21	09	60	96	10.4	91	10.7	5.5	2.2	8.8	8.3	8.4	9.4	9.8	11.1	10	0	3.0	0.7	0	0	0	0	0	0	0	0	1009.5	5.0	0.0	0.5	Number of days with 2011 normal Snow/sleet falling 2 1.7 50% snow cover 09GMT 0 1.0 Hail or ice pellets 1 0.3 Thunder 0 0.2 Gale 0 0.2 Fog at 09GMT 0 1.9 Air frost 7 7.9 Ground frost 20 15.3 0.2mm precipitation 19 15.1 1.0mm precipitation 13 11.2 5.0mm precipitation 6 4.9 No sunshine 11 14.7 A milder-than-average month with temperatures rising slightly towards the end of the month. Both sunshine and rainfall were above average and only a few flasks of snow fell. The incidence of ground frost was above average.
02	0	27	02	02	96	2.5	97	10.8	0.2	-0.6	5.8	6.1	7.6	9.3	9.8	11.0	10	0	0.8	3.1	0	0	0	0	0	0	0	1016.0	1.9	0.0	1.0		
03	7	24	09	02	97	10.5	88	11.8	2.5	-0.5	8.6	8.4	8.5	9.0	9.4	10.9	10	0	0.1	1.7	0	0	0	0	0	0	0	1004.5	0.1	0.0	1.0		
04	8	22	02	02	97	7.4	87	9.0	6.0	2.2	7.2	7.2	8.0	8.9	9.4	10.8	10	0	0.9	0.0	0	0	0	0	0	0	0	1004.0	0.5	0.0	0.5		
05	1	27	09	02	97	3.6	85	7.2	1.8	-1.1	4.6	4.9	7.2	8.5	9.3	10.8	10	0	0.0	2.9	0	0	0	0	0	0	0	1007.5	0.0	0.0	0.8		
06	3	27	02	03	97	3.0	97	8.5	-0.3	-3.0	3.6	3.9	5.8	7.7	8.8	10.6	10	0	0.2	0.1	0	0	0	0	0	0	0	1008.5	0.6	1.0	1.0		
07	7	27	19	02	97	8.5	78	10.1	3.0	-3.0	5.2	5.8	6.5	7.4	8.5	10.4	10	0	tr	6.0	0	0	0	0	0	0	0	1007.0	0.0	0.0	2.1		
08	8	18	09	03	97	10.1	86	12.5	1.6	-2.1	5.4	5.0	6.0	7.2	8.3	10.3	10	0	1.9	0.0	0	0	0	0	0	0	0	1014.5	1.0	0.0	1.5		
09	0	23	13	02	97	4.9	83	8.4	3.3	-1.0	4.4	4.6	6.6	7.7	8.3	10.1	10	0	0.0	5.4	0	0	0	0	0	0	0	1011.5	0.0	0.0	0.7		
10	0	27	05	02	97	-0.1	98	5.9	-1.7	-5.2	2.6	2.7	4.9	6.9	8.0	10.0	40	0	tr	5.5	0	0	0	0	0	0	0	1016.5	0.0	7.0	1.2		
11	8	18	02	21	97	4.5	95	9.0	-0.1	-2.2	4.0	3.9	5.2	6.4	7.5	9.8	10	0	5.2	0.0	0	0	0	0	0	0	1011.0	2.2	0.0	0.6			
12	0	22	02	02	97	4.8	97	11.8	1.4	-2.4	3.3	3.9	5.7	6.7	7.4	9.6	10	0	23.7	5.6	0	0	0	0	0	0	1008.0	8.5	0.0	1.7			
13	1	24	09	01	97	5.8	80	8.0	4.8	-1.0	6.5	6.2	6.6	7.0	7.5	9.5	10	0	0.2	5.3	0	0	0	0	0	0	992.0	0.3	0.0	1.0			
14	7	22	05	02	97	2.8	92	6.4	2.8	-0.6	3.8	4.4	5.8	7.0	7.6	9.3	10	0	2.5	1.2	0	0	0	0	0	0	995.0	2.1	0.0	0.3			
15	0	27	19	01	97	5.8	86	8.3	-0.4	-3.5	3.8	4.1	5.1	6.5	7.4	9.3	10	0	6.9	3.9	0	0	0	0	0	0	1000.0	9.3	1.2	0.2			
16	8	36	09	60	96	2.2	92	3.9	1.7	-0.5	3.3	3.9	5.2	6.5	7.2	9.1	10	0	0.5	3.2	5	0	0	0	0	0	987.5	1.5	0.0	0.7			
17	3	27	02	03	97	1.6	98	5.8	-0.7	-3.9	2.2	2.3	4.0	6.1	7.2	9.0	40	0	1.4	3.6	1	0	0	0	0	0	1010.4	0.9	0.0	0.6			
18	4	29	02	10	97	0.2	96	5.6	-0.2	-4.9	2.2	2.0	3.7	5.6	6.6	8.8	40	0	1.1	3.0	0	0	5	0	0	0	1018.0	4.7	0.5	0.1			
19	7	23	02	10	96	2.5	98	6.8	-2.2	-5.8	2.0	1.9	3.5	5.1	6.4	8.6	40	0	5.6	0.0	0	0	0	0	0	0	1018.0	6.0	5.2	0.1			
20	7	27	02	02	97	5.0	95	9.8	2.5	-0.5	3.7	3.8	4.6	5.4	6.4	8.4	10	0	3.3	3.2	0	0	0	0	0	0	1016.5	7.8	0.0	0.8			
21	8	21	02	21	94	9.8	97	12.5	5.0	-0.3	5.7	5.1	5.2	5.8	6.3	8.3	10	0	0.1	0.0	0	0	0	0	0	0	1017.5	0.1	0.0	0.1			
22	7	27	02	02	97	9.5	94	13.0	7.3	2.5	6.1	5.4	6.4	6.6	6.4	8.2	10	0	0.0	5.6	0	0	0	0	0	0	1021.0	0.0	0.0	0.8			
23	8	22	09	02	97	10.8	86	11.1	7.8	2.6	7.9	7.7	7.0	7.1	7.1	8.3	10	0	5.9	0.0	0	0	0	0	0	0	1018.5	6.1	0.0	0.5			
24	7	31	05	02	97	3.3	83	9.9	2.0	-1.5	4.4	4.4	5.8	7.0	7.4	8.4	10	0	0.1	0.1	0	0	0	0	0	0	1031.0	0.1	0.0	0.7			
25	8	20	05	02	97	9.9	90	11.8	3.3	1.6	7.2	6.8	6.9	7.0	7.2	8.5	10	0	0.0	0.0	0	0	0	0	0	0	1028.0	0.0	0.0	0.9			
26	6	24	02	01	97	11.5	91	12.2	9.9	8.7	8.8	8.4	8.0	7.8	7.5	8.5	10	0	0.0	0.0	0	0	0	0	0	0	1033.0	0.0	0.0	1.0			
27	8	22	02	02	97	9.9	84	10.8	9.7	8.0	8.3	7.9	8.1	8.1	8.1	8.6	10	0	tr	0.0	0	0	0	0	0	0	1034.5	0.0	0.0	1.2			
28	8	22	02	21	97	10.4	85	10.5	7.4	3.9	8.2	8.2	7.7	8.2	8.3	8.7	10	0	tr	1.1	0	0	0	0	0	0	1020.0	0.0	0.0	1.1			
29	8	22	05	02	97	6.5	85	10.0	4.9	1.8	5.7	5.6	6.7	7.8	8.2	8.8	10	0	2.6	0.1	0	0	0	0	0	0	1023.0	1.0	0.0	1.2			
30	7	28	02	03	97	6.0	85	11.6	5.3	0.8	5.7	5.6	6.8	7.6	7.9	8.8	10	0	5.5	0.0	0	0	0	0	0	0	1021.0	6.8	0.0	0.4			
31	7	26	09	02	97	11.6	90	12.6	6.0	4.3	9.0	8.2	7.8	7.8	7.8	8.8	10	0	0.3	0.0	0	0	0	0	0	0	1012.0	0.4	0.0	0.6			
Monthly means						6.3	90	9.6	3.2	-0.2	5.4	5.4	6.3	7.3	7.8	9.4												1013.4					
Monthly totals																					71.8	61.3							66.9	14.9	24.9		
Highest values						11.6		13.0	9.9	8.7	9.0	8.4	8.5	9.4	9.8	11.1					23.7	6.0							9.3	7.0	2.1		
Lowest values						-0.1	78	3.9	-2.2	-5.8	2.0	1.9	3.5	5.1	6.3	8.2																	
1971-2000 monthly climatological averages						90	8.3	2.6	0.4	4.6	4.8	5.7	6.3	6.7	8.1						65.6	40.9							1015.2	59.2	61.4	21.1	

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	41	fog patches
2	sky not changing	45	fog
3	cloud increasing	50	intermittent slight drizzle
10	mist	60	intermittent slight rain
21	recent rain	61	continuous slight rain

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 (10 moist, 20 wet, 40 frozen, X1-X7 snow)	SS	snow depth (cm)
Press	air pressure (mb)		

24 hour readings

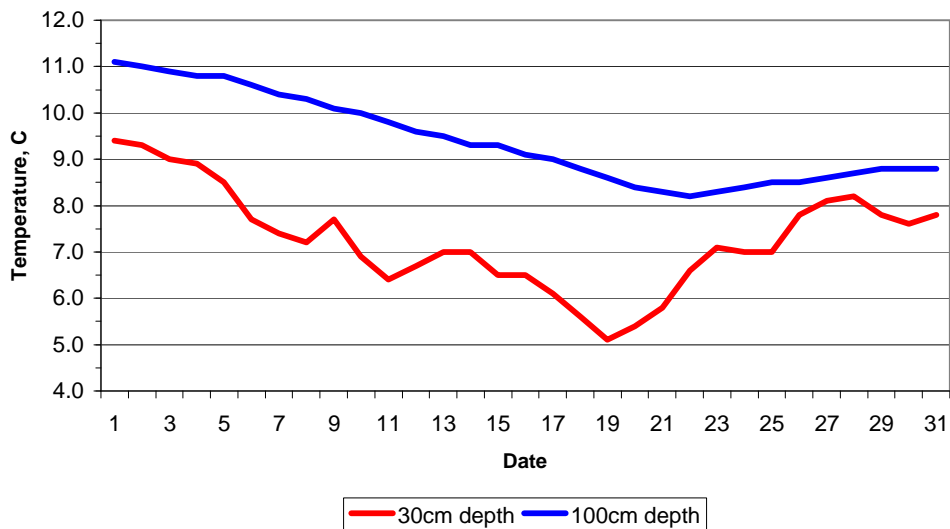
Max	maximum temperature (degC) beginning 09GMT	Min	minimum temperature (degC) ending 09GMT
Gmin	grass minimum temperature (degC) ending 09GMT	Rain	precipitation beginning 09GMT
Sun	sunshine (hours) sunrise-sunset	Rain hrs	hours of rainfall (>0.1mm/h) 09-09GMT
Fr. Hrs	hours of air frost (00-24GMT)	Pch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

Days with

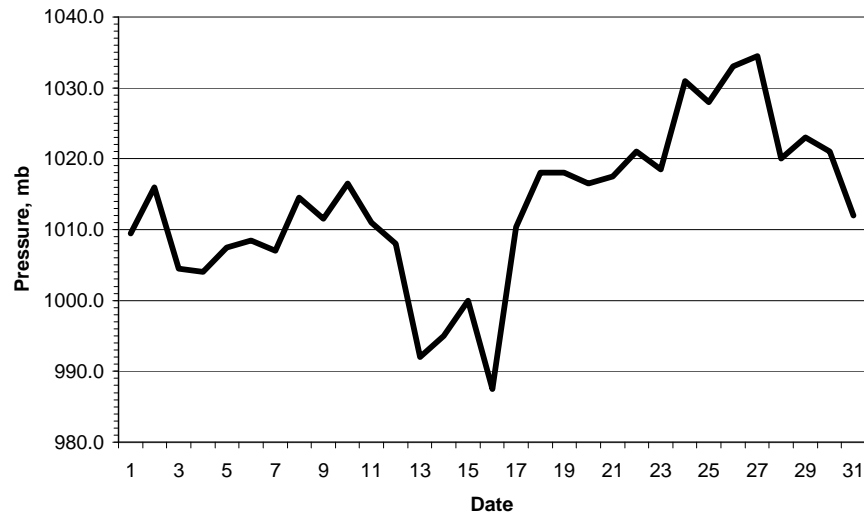
S	snow(5) or sleet(1) falling	L	50% snow cover at 09GMT	H	hail or ice pellets
T	thunder heard	G	gale	F	fog at 09GMT

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

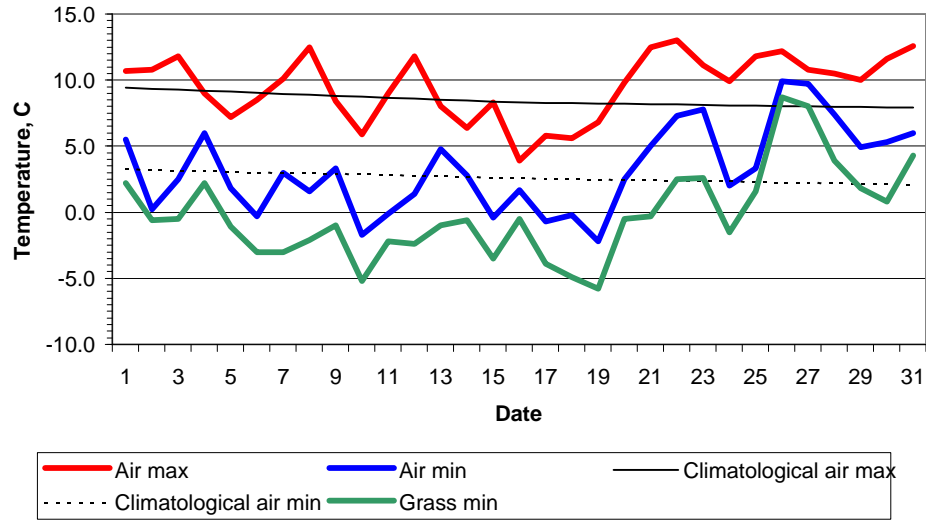
Daily soil temperatures, 0700GMT



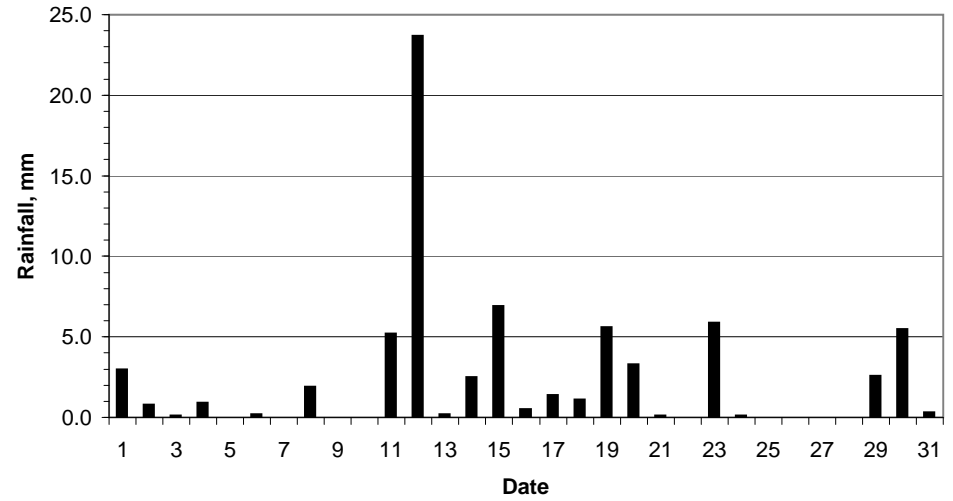
Mean sea level pressure, 0900GMT



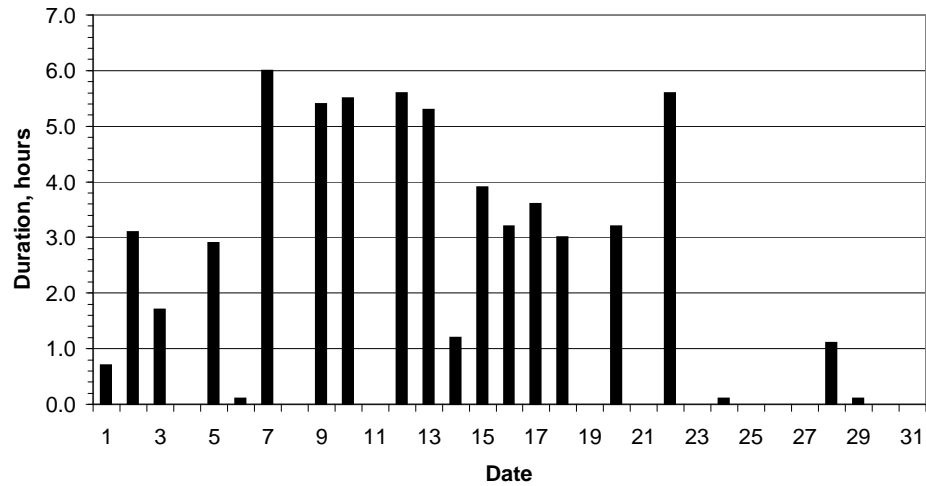
### Daily temperature extremes



### Daily rainfall



### Daily sunshine



### Daily evaporation

