

# WOKINGHAM

# METEOROLOGICAL

# DATA

## Wokingham Climatological Station, Emmbrook, Berkshire.

Lat/Long 51°25'N 00°51'W NGR (SU)800699 Altitude 44m ASL.

### Monthly Means and Totals

MARCH 2004

Temperature (°C / °F)			Anomaly	Rank			
Mean maximum	10.7	51.3	+0.1	54 <sup>th</sup> highest in 123 years			
Mean minimum	2.8	37.0	-0.1	38 <sup>th</sup> highest in 123 years			
Daily mean	6.7	44.1	-0.1	49 <sup>th</sup> highest in 123 years			
Highest maximum	19.7	67.5	on 31 <sup>st</sup>	Lowest maximum	5.6	42.1	on 10 <sup>th</sup>
Highest minimum	10.6	51.1	on 16 <sup>th</sup>	Lowest minimum	-6.2	20.8	on 1 <sup>st</sup>
Mean grass minimum	-0.6	30.9		Lowest grass minimum	-10.6	12.9	on 1 <sup>st</sup>
Mean earth @30 cm	6.4	43.5	-0.5	Earth @100 cm	7.2	45.0	0.0
Frost duration (hrs)	46.9			Rain duration (hrs)	30.0	*	Excludes snowfall
Rainfall total (mm / in)	41.4	1.63	88 %	59 <sup>th</sup> highest in 123 years			
Highest daily fall	6.5	0.26	on 11 <sup>th</sup>				
Number of: Dry days (<0.2mm)	15	Wet days (>0.9mm)	13	days ≥5mm	3		
Sunshine total (hrs)	96.5	Daily mean	3.11	Sunniest day	11.8	on 30 <sup>th</sup>	
N <sup>o</sup> days with: Air frost	7	Ground frost	17	Snow falling	4	Snow lying	1
Thunder	0	Hail ≥5mm	2	Small hail/ice	5	Fog @09	1
Air pressure MSL : Mean @09 GMT (mbar/in)	1020.5		+4.9	30.14			
Absolute highest	1038.0			30.65		on 1 <sup>st</sup>	
Absolute lowest	1000.3			29.54		on 20 <sup>th</sup>	

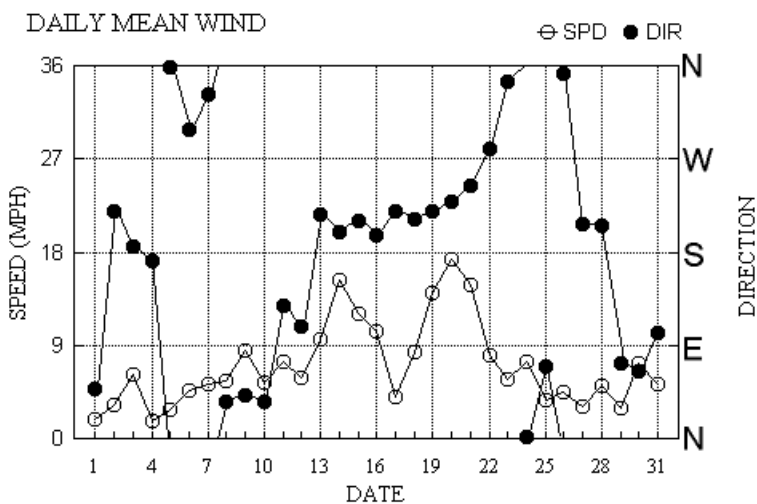
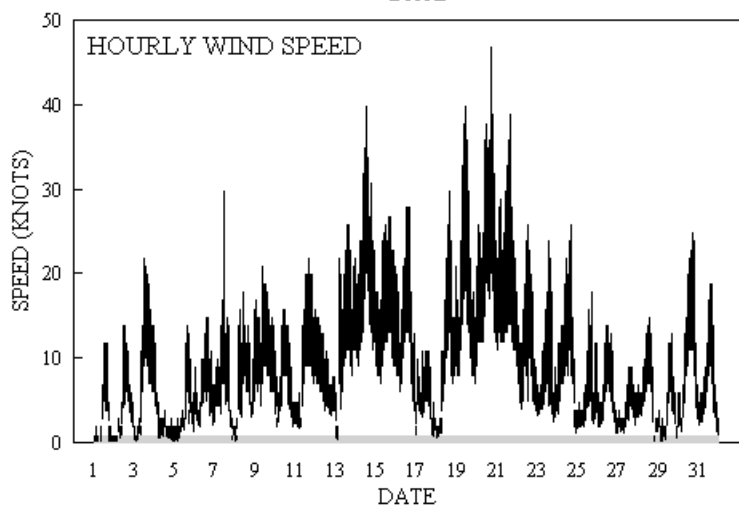
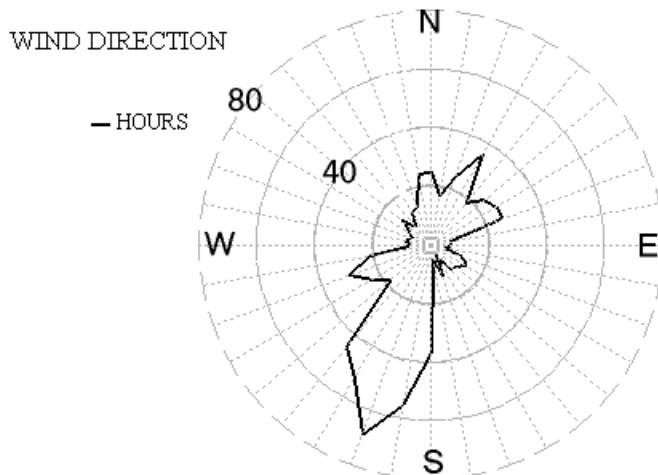
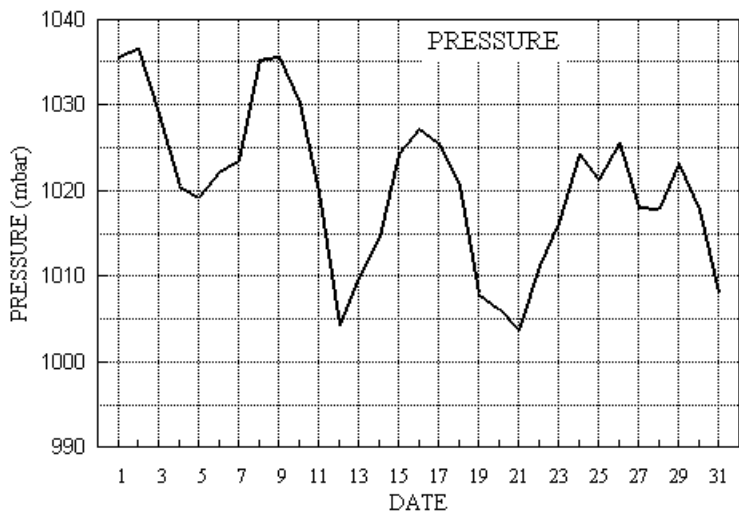
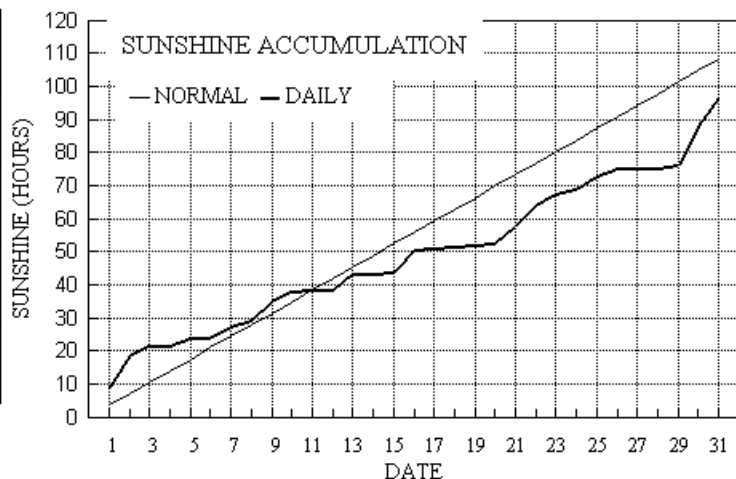
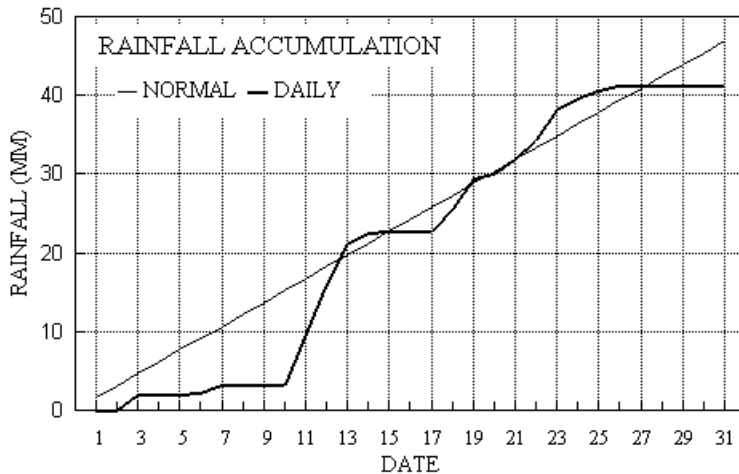
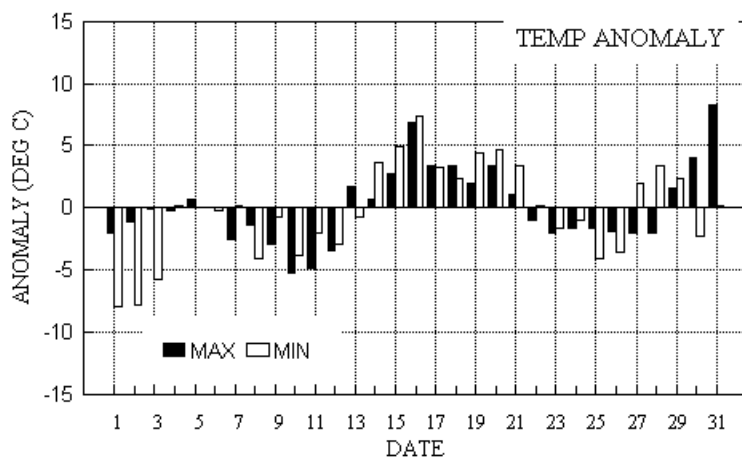
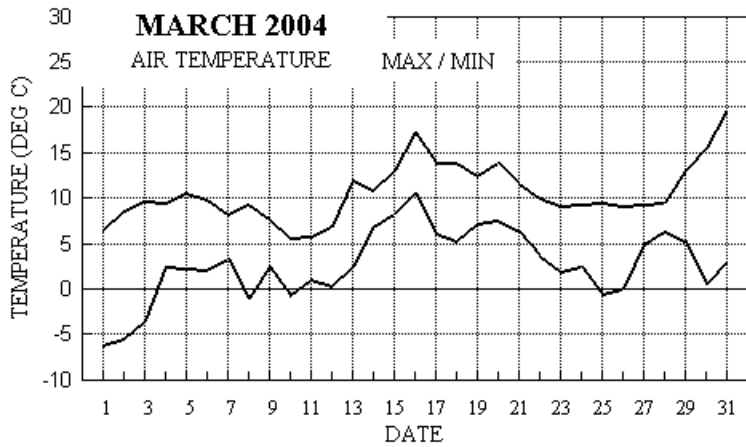
Anomaly = departure from 1971 to 2000 average.

Notes: **Temperature Above Normal, Rainfall Near Normal, Sunshine Below Normal.**

**Temperature.** A rather unexceptional month with the mean temperatures all within 0.1° of the current 30 year climatological average. However, individual values on some days were quite notable, e.g., the minimum on the 1<sup>st</sup> -6.2°, is lower than any temperature during the whole winter, and is the lowest for any day since the 12<sup>th</sup> January 2003. It is also 13<sup>th</sup> lowest for March in the past 101 years. Similarly the lowest grass minimum, -10.6° on the 1<sup>st</sup>, is also lower than anything recorded during the past winter. Conversely, the month's highest temperature, 19.7° on the 31<sup>st</sup>, is equal highest with 1999 for March since 1990, and ranks 15<sup>th</sup> highest in 101 years. The lowest maximum is 1.1° above the median, whilst the highest minimum is 1.8° above the median and ranks 7<sup>th</sup> highest in 92 years. In the earth at 30 cm depth, the mean is lowest since 1996, and at 1 metre depth is equal lowest with 2001 in the same period. The lowest value recorded at 30 cm, 3.5° on the 2<sup>nd</sup>, is not only lower than anything recorded during the winter, but is also lowest since 1987, and the highest 30 cm value of 8.1° on the 21<sup>st</sup> is equal lowest with 1996 in the same period. **Rainfall.** 12 % below the current climatological average, but 1.6 mm above the long-term median. The highest daily fall, 6.5 mm on the 11<sup>th</sup>, is lowest since 1999. A 7 day dry spell ended on the 2<sup>nd</sup>, and another of 5 days ended on the 31<sup>st</sup>. Snow fell on 4 days, 2 more than average, and a snow depth of 2 cm was measured at 0900 hours on the 12<sup>th</sup>. Hail was recorded on 7 days, 4 more than average, with enough to give a temporary covering on the 23<sup>rd</sup>, with stones up to 7 mm diameter. **Sunshine.** Well below the median of 3.50 hours per day, and only just outside the dull category, and lowest since 2001. Overall there were 17 days with <3 hours, 6 with • 6 hours and 2 with • 9 hours. **Wind.** The mean wind speed of 7.0 mph is 0.7 mph below average. The windiest day was the 20<sup>th</sup>, mean 17.3 mph, and the month's highest gust of 54 mph was also on that day. This is the windiest March day since 1998, and the highest March gust since 1995. The 4<sup>th</sup> was the least windy day, mean 1.6 mph, and there were 37 hours with a mean speed of 0.5 mph or less. Daily mean direction/number of days: N,4 NE,5 E,4 SE,1 S,4 SW,10 W,1 NW,2. **Humidity.** The overall mean relative humidity was 80.5 %, and the lowest value recorded was 35 % on the 30<sup>th</sup>. The amount of water vapour per kilogram of air, mean at 0900 hours, 5.3 g, mean at 1500 hours, 4.9 g. **Commentary.** From the 1<sup>st</sup> to the 10<sup>th</sup>. Daily maxima were generally below normal, with an anomaly of -5.2° on the 10<sup>th</sup>, the month's coldest day. Minima were also generally below normal, and started the month with an anomaly of -8.0° on the 1<sup>st</sup>, the month's coldest night, the 10 day mean anomalies being -1.5° and -3.0° for max and min resp. Dry on 7 days, the 10 day total was just 21 % of normal. Sunny for the first 2 days, and a 10 day mean close to normal. Light NE winds on 1<sup>st</sup> became moderate S'yly on 3<sup>rd</sup>, light N'yly on 5<sup>th</sup>, and moderate NE'yly on 8<sup>th</sup>. From the 11<sup>th</sup> to the 20<sup>th</sup>: Daily maxima started with an anomaly of -4.9° on the 11<sup>th</sup>, but this climbed to +6.9 by the 16<sup>th</sup>, and remained positive. Similarly the anomaly for min on 12<sup>th</sup> was -3.0°, but this reached +7.3° on the 16<sup>th</sup>, the month's warmest night, giving 10 day mean anomalies of +1.6° and +2.5° for max and min resp. Only 2 dry days in this period, and a total of 26.9 mm, 177 % of normal. Sunshine was meagre, with 8 days having less than 1 hour, and a 10 day mean only 43 % of normal. Moderate SE'yly wind on 11<sup>th</sup> became fresh SW'yly on 13<sup>th</sup>, increasing very strong on 15<sup>th</sup>, decreasing fresh on 15<sup>th</sup>, becoming light on 17<sup>th</sup>, fresh on 18<sup>th</sup> and very strong again on 19<sup>th</sup> and 20<sup>th</sup>. From the 21<sup>st</sup> to the 31<sup>st</sup>: Daily maxima were below normal for much of the time, with an anomaly of -2.1° on 27<sup>th</sup>, but ended the month with an anomaly of +8.2° on the 31<sup>st</sup>, the month's warmest day. Anomalies for min ranged from -4.1° on 25<sup>th</sup> to +3.4° on 21<sup>st</sup> and 28<sup>th</sup>, with 11 day mean anomalies of +0.2° and -0.1° for max and min resp. Dry after the 26<sup>th</sup>, and an 11 day total 68 % of normal. Sunniest part of the month, with 3 days over 6 hours, and an 11 day mean 114 % of normal. Strong SW'yly winds became moderate N'yly by 23<sup>rd</sup>, decreasing light on 25<sup>th</sup>, backing through S to become fresh E'yly on 30<sup>th</sup>.

B.J.Burton. FRMetS. Hon. Met. Officer to Wokingham Town Council.

# Wokingham Climatological Data



Month: MARCH 2004

Date	Max C	Min C	Rain mm	Grass Min	30cm C	100cm C	Sun hrs	Frost hrs	pp09 mbar	Af Gf	Sf Sl	Th Ha	Ic Fg	Vec mean ddd ff sp	Max gust ddd gg HHhh	High hr ddd ff HH	Rain hrs	
1	6.5	-6.2	0.0	-10.6	3.9	7.0	8.9	14.8	1035.7	1	1	0	0	0	0	0	0	0.0
2	8.7	-5.5	0.0	-10.2	3.5	6.9	9.6	10.5	1036.6	1	1	0	0	0	0	0	0	0.0
3	9.7	-3.5	1.9	-8.5	3.5	6.7	3.1	8.8	1029.0	1	1	0	0	0	0	0	0	1.8
4	9.6	2.5	0.0	4.8	4.0	6.6	0.0	0.0	1020.6	0	0	0	0	0	0	0	0	0.0
5	10.5	2.3	0.0	-0.8	4.8	6.5	2.2	0.0	1019.3	0	1	0	0	0	0	1	359	0.0
6	9.8	2.1	0.3	-2.8	5.3	6.5	0.4	0.0	1022.2	0	1	0	0	0	0	0	298	0.2
7	8.3	3.3	1.0	-0.7	5.5	6.6	3.0	1.0	1023.6	0	1	1	0	0	0	1	332	0.5
8	9.4	-1.0	0.0	-5.7	5.4	6.6	1.9	2.2	1035.3	1	1	0	0	0	0	0	35	0.0
9	7.8	2.4	tr	-2.4	5.5	6.7	5.9	0.0	1035.6	0	1	0	0	0	0	0	42	0.0
10	5.6	-0.8	tr	-6.2	5.4	6.8	3.0	3.9	1030.3	1	1	1	0	0	0	0	35	0.0
11	5.9	1.1	6.5	-0.1	5.2	6.8	0.3	0.0	1019.7	0	1	1	0	0	0	0	128	0.0
12	6.9	0.3	6.4	0.2	5.2	6.8	0.0	0.0	1004.2	0	0	1	1	0	0	0	108	6.0
13	12.0	2.5	5.1	3.5	5.4	6.8	5.0	0.0	1009.8	0	0	0	0	0	0	1	216	4.1
14	11.0	6.9	1.4	3.5	6.1	6.8	0.2	0.0	1014.5	0	0	0	0	0	0	0	200	2.0
15	13.0	8.2	0.1	5.4	6.6	6.8	0.2	0.0	1024.3	0	0	0	0	0	0	0	211	0.4
16	17.2	10.6	0.0	10.4	7.4	6.9	7.0	0.0	1027.2	0	0	0	0	0	0	0	197	0.0
17	13.9	6.2	tr	0.8	7.9	7.0	0.3	0.0	1025.5	0	0	0	0	0	0	0	220	0.0
18	13.9	5.2	2.9	1.2	7.9	7.2	0.7	0.0	1020.6	0	0	0	0	0	0	0	212	3.2
19	12.5	7.3	3.9	4.8	8.0	7.4	0.6	0.0	1008.1	0	0	0	0	0	0	0	220	3.9
20	13.9	7.6	0.6	5.0	8.0	7.5	0.4	0.0	1006.1	0	0	0	0	0	0	0	229	0.7
21	11.6	6.3	1.9	3.6	8.1	7.6	5.1	0.0	1003.8	0	0	0	0	0	1	0	245	0.8
22	10.1	3.7	2.3	-1.0	8.0	7.7	6.5	0.0	1011.1	0	1	0	0	1	0	0	280	0.8
23	9.1	1.9	4.0	-2.8	7.6	7.8	3.3	0.0	1016.3	0	1	0	0	1	0	0	345	1.0
24	9.4	2.5	1.3	-2.3	7.4	7.9	1.4	0.0	1024.2	0	1	0	0	0	1	0	1	6.4
25	9.5	-0.6	1.2	-5.5	7.1	7.9	4.0	4.9	1021.3	1	1	0	0	0	1	0	70	0.7
26	9.2	-0.1	0.5	-5.4	7.2	7.9	2.4	0.8	1025.6	1	1	0	0	0	0	0	353	2.7
27	9.4	4.9	0.1	4.4	7.4	7.9	0.0	0.0	1018.1	0	0	0	0	0	0	0	207	0.5
28	9.5	6.3	0.0	5.6	7.7	7.9	0.0	0.0	1017.9	0	0	0	0	0	0	0	205	0.0
29	13.1	5.3	0.0	0.2	7.8	7.9	0.9	0.0	1023.1	0	0	0	0	0	0	0	72	0.0
30	15.5	0.6	0.0	-4.5	7.9	8.0	11.8	0.0	1017.8	0	1	0	0	0	0	0	65	0.0
31	19.7	3.0	tr	-2.0	8.1	8.0	8.4	0.0	1008.0	0	1	0	0	0	0	0	102	0.0
Total			41.4				96.5	46.9										30.0
Mean	10.7	2.8		-0.6	6.4	7.2	3.11	1.5	1020.5					217	2.0	6.1		
Anom	+0.1	-0.1	88%		-0.5	+0.0	89%											+4.9
Daily mean	6.7																	Pressure, abs highest = 1038.0 on 1
Anom	-0.1																	Pressure, abs lowest = 1000.3 on 20

Number of days with:

Air frost = 7	Ground frost = 17	Nil sun = 4
Snow falling = 4	Snow lying = 1	Thunder = 0
Hail=>5mm = 2	Hail<5mm or ice = 5	Fog at 09GMT = 1

Abbreviations.

Max/min = highest and lowest air temperature at 1.2m in 24 hour period ending at 09 hours.  
 Rain = total rainfall and melted snowfall in 24 hour period ending at 09 hours, millimetres. (Tr = trace, <.05mm).  
 Grass min = Lowest overnight temperature at grass tip level.  
 Sun = hours of bright sunshine, measured electronically. Frost = Number of hours with air temp below 0 deg C.  
 pp09 = Air pressure corrected to mean sea level at 0900 GMT, millibars.  
 Af = Air frost. Gf = Ground frost. Sf = Snow falling. Sl = Snow lying at 09 hours.  
 Th = Thunder. Ha = Hail =>5mm. Ic = Hail <5mm or ice. Fg = Fog at 09 hours.  
 Vec mean = 24 hour mean wind vector, ddd = direction in degrees from true north, ff = speed in knots.  
 Sp = 24 hour mean wind speed in knots.  
 Max gust = Highest gust in 24 hours, gg = speed in knots, HHhh = Time, hours and minutes, GMT.  
 High hr = Highest hourly mean wind, HH = hour commencing. Rain Hrs = Duration of rain, 24 hours to 9AM. Excludes snow/hail.  
 Anom = departure from 1971-2000 average. All temperatures in degrees Celsius.

For details of this weather station, to see satellite images, or to find useful links to other meteorological sites worldwide, go to:

[www.btinternet.com/~wokingham.weather/wwp.html](http://www.btinternet.com/~wokingham.weather/wwp.html)

Weather observations. Emmbrook, Wokingham, Berkshire.

Observations at 0900 GMT for MARCH 2004

Date	VV	N	dd	ff	gg	TT	TdTd	RH	r	PPP	a	pppww	W1W2	NhCl	hCrCl	NChshs	NChshs	NChshs	Date	Remarks		
1	50	0	07	01	02	-1.2	-2.2	93	3.1	1035.7	2	024	05	0	0	0	0	9	0	0	1	Hoar mod Gnd sfc frzn
2	50	1	27	01	03	-0.6	-3.4	81	2.9	1036.6	3	001	05	0	0	0	0	9	0	1	81078	2 Hoar mod Gnd sfc frzn
3	40	6	19	06	11	2.5	-0.1	83	3.7	1029.0	8	005	05	2	2	6	0	9	7	1	81363 86365 85075	3 COTRA Gnd sfc frzn
4	22	8	18	01	03	7.4	7.2	99	6.3	1020.6	8	001	10	4	2	7	5	2	/	8	85705 87615	4 /Cs75
5	02	9	25	02	03	5.1	5.1	100	5.4	1019.3	0	006	47	4	4	9	/	/	/	/		5 vv 250 m
6	56	8	29	05	10	6.2	3.8	85	5.0	1022.2	1	013	05	2	2	8	6	3	/	/	81708 87712	6 /Sc30
7	78	6	32	08	17	6.4	3.6	82	4.8	1023.6	1	007	02	2	2	6	8	4	0	0	81812 86650	7 1Sc25 Cu fra
8	66	7	03	07	11	4.9	1.3	78	4.1	1035.3	2	011	02	2	2	7	8	4	/	/	81816 87645	8 Cu hum
9	80	1	04	08	15	4.7	-0.1	71	3.7	1035.6	0	004	03	0	0	1	8	5	0	0	81820	9 1Sc30 Cu fra
10	62	3	03	09	14	2.6	-0.4	81	3.6	1030.3	7	002	03	7	1	3	8	4	0	0	83815	10 1SC30 1Sc56 Cu med
11	50	8	11	06	13	2.8	0.7	86	4.0	1019.7	6	011	60	6	2	8	5	4	/	/	86712 88650	11
12	25	8	13	06	13	2.5	2.0	96	4.4	1004.2	5	002	60	6	2	8	7	2	/	/	86706 88710	12 Sn llyng 60% 2cm
13	65	7	22	08	15	6.9	5.3	90	5.6	1009.8	2	028	03	1	1	7	6	4	0	0	87712	13 1Sc30
14	65	8	20	14	28	9.8	7.7	87	6.5	1014.5	1	010	60	6	2	7	5	4	/	/	85613 87620	14
15	59	7	21	10	24	10.6	8.1	85	6.7	1024.3	1	018	05	1	1	7	5	4	/	/	81712 87615	15
16	62	8	20	12	21	12.2	10.9	92	8.0	1027.2	1	007	02	2	2	8	6	3	/	/	82706 88708	16
17	57	7	21	04	07	11.0	9.6	91	7.4	1025.5	1	012	05	2	2	7	6	3	/	/	87706	17
18	57	8	18	05	10	9.5	8.9	96	7.0	1020.6	8	016	60	6	2	8	6	3	/	/	86706 88708	18
19	58	8	20	19	38	9.9	8.5	91	6.9	1008.1	7	050	63	6	6	7	7	4	2	/	82710 87714 88525	19
20	78	8	21	12	25	12.1	10.8	92	8.1	1006.1	8	015	02	6	2	8	5	4	/	/	87712 88615	20
21	75	6	24	12	23	9.4	3.9	69	5.1	1003.8	3	005	25	8	1	6	8	5	0	3	85825	21 2Sc45 1Ci70 jp W&NW
22	86	2	29	10	19	8.5	2.8	68	4.7	1011.1	3	018	03	0	0	1	8	5	0	1	81820	22 1Sc40 2Ci72 COTRA Cu hum
23	68	7	33	07	12	6.4	3.8	84	5.0	1016.3	2	007	03	8	2	7	8	4	/	/	81810 86612	23 3Sc56
24	70	7	35	07	17	6.0	3.1	82	4.7	1024.2	2	012	25	8	2	7	8	4	/	/	83815 87635	24
25	75	7	25	04	06	4.9	1.9	81	4.3	1021.3	6	009	03	2	2	7	8	4	7	/	81815 86640 87357	25
26	61	7	01	06	12	4.9	2.7	86	4.5	1025.6	1	004	03	2	2	7	8	3	/	/	83808 87635	26 Cu fra Cu hum
27	18	8	20	02	03	6.3	5.6	95	5.6	1018.1	0	000	28	4	2	8	6	1	/	/	83702 87703 88706	27
28	58	8	21	05	09	8.0	6.3	89	5.9	1017.9	3	010	05	5	2	8	5	3	/	/	83708 88640	28
29	42	8	18	01	02	8.1	6.8	92	6.1	1023.1	2	013	05	2	2	8	5	6	/	/	81640 88650	29
30	50	1	07	07	13	9.0	5.7	80	5.7	1017.8	6	009	05	0	0	0	0	9	0	1	81080	30 COTRA
31	40	1	06	05	09	10.9	6.9	76	6.2	1008.0	8	003	05	0	0	1	0	9	3	0	81363	31

Mean vis = 12.9 km  
 Mean cloud = 6.1 76%  
 Mean wind speed = 6.8 kn  
 Mean gust = 13 kn  
 Mean TT = 6.7 C  
 Mean TdTd = 4.4 C  
 Mean RH = 85.8 %  
 Mean r = 5.3 g/kg  
 Mean PPP = 1020.5 mbar

Weather observations. Emmbrook, Wokingham, Berkshire.

Observations at 1500 GMT for MARCH 2004

Date	VV	N	dd	ff	gg	TT	TdTd	RH	r	PPP	a	ppp	ww	W1	W2	Nh	Cl	h	Cr	Cf	NChs	shs	NChs	shs	Date	Remarks
1	70	3	01	03	12	5.2	-7.1	41	2.2	1036.4	0	001	02	0	0	3	4	6	0	0	81840	83645			1	
2	60	4	21	06	12	8.5	-1.6	49	3.3	1033.7	8	027	05	0	0	0	0	9	0	4	84075				2	
3	62	7	20	12	21	9.4	0.2	53	3.8	1025.7	6	021	03	2	2	7	0	9	7	/	86360	87363			3	
4	60	8	12	01	02	9.3	7.2	87	6.3	1018.8	6	015	05	2	2	8	8	4	/	/	83812	88625			4	
5	58	7	36	06	12	10.9	5.2	68	5.5	1017.6	6	007	05	2	2	3	2	5	0	1	83820	86078			5	COTRA Cu con
6	75	4	31	04	12	8.9	2.2	63	4.4	1022.0	7	007	01	1	1	4	8	6	0	0	81830	84656			6	Cu med
7	75	4	36	07	15	8.1	2.1	66	4.4	1024.8	1	008	03	7	6	3	8	5	7	0	83825				7	1Sc45 2Ac65 Cu med
8	81	5	04	07	12	8.9	-0.7	51	3.5	1035.1	8	003	01	2	2	5	8	6	0	0	82835	84645			8	Cu med
9	81	5	05	08	18	7.2	-4.6	43	2.6	1033.0	7	015	02	1	1	5	4	6	0	0	81840	85645			9	
10	68	8	06	07	14	3.4	-3.7	60	2.8	1027.6	6	014	26	8	2	8	8	6	/	/	83830	88645			10	jp all quads
11	61	8	13	11	20	4.1	-2.8	61	3.1	1014.8	8	026	02	2	2	4	8	5	1	/	81825	84645	88465		11	Cu hum
12	38	8	12	05	10	5.9	4.5	91	5.3	1002.8	7	008	20	5	2	8	5	3	/	/	82708	87712	88618		12	
13	82	4	23	08	23	10.1	6.5	78	6.0	1011.9	1	006	27	8	1	3	9	6	0	4	82930	83075			13	1Cu35 1Ac62 COTRA jpE&NW vv60k ex p
14	30	7	20	16	34	10.3	9.3	94	7.3	1013.3	5	007	58	6	5	7	5	3	/	/	81708	86711	87635		14	
15	60	8	20	14	24	12.6	9.7	82	7.4	1023.7	7	009	60	6	2	7	5	4	2	/	83615	85620	88558		15	
16	82	6	20	14	28	16.9	8.3	57	6.7	1025.3	7	014	02	2	2	1	1	6	4	2	81835	86075			16	1Ac68 COTRA Cu hum
17	83	8	26	04	08	13.6	6.3	61	5.9	1026.3	4	000	02	2	2	8	8	5	/	/	81825	83632	88640		17	Sc un mam
18	81	6	22	15	26	13.2	5.1	58	5.4	1016.4	6	020	03	5	1	2	8	6	7	6	82832	86275			18	1Sc50 2Ac58 COTRA Cu hum Halo 22° part
19	84	7	27	13	30	12.0	5.8	66	5.8	1007.1	3	018	02	6	5	1	1	5	8	8	81825	87272			19	Cu hum Marked CF 1310
20	70	7	22	19	35	12.6	11.2	91	8.4	1000.9	7	021	61	6	5	7	5	4	/	/	81712	87615	87625		20	
21	80	7	25	18	36	11.2	2.4	55	4.5	1004.0	6	001	15	8	1	6	9	5	0	3	81930	83835			21	2Sc50 3Ci70 jp W&N
22	84	5	29	09	23	8.1	1.5	63	4.2	1012.3	7	003	25	8	1	1	9	5	6	3	81925	84070			22	1Cu30 1Ac59 jp all quads Halo 22 part
23	75	6	02	06	16	7.3	4.9	85	5.4	1016.9	2	001	27	8	1	2	9	5	6	3	82925	85070			23	1Cu28 1Sc50 1Ac60 jp all quads
24	65	6	03	12	24	7.0	4.5	84	5.2	1024.3	5	005	27	8	2	3	2	4	6	/	81815	83820			24	4Ac57 Cu con
25	70	6	10	07	13	7.2	0.3	62	3.9	1020.3	5	004	15	8	2	3	9	5	6	1	81820	83930			25	1Cu30 4Ac59 /Ci75 jp NW&N
26	80	6	02	05	12	8.1	0.0	57	3.7	1023.0	8	017	02	1	1	5	8	6	5	0	82835	84645			26	2Ac62
27	62	8	20	04	08	8.6	6.2	85	5.9	1016.4	7	012	02	6	2	8	5	4	/	/	83612	85618	88625		27	
28	58	8	20	08	15	9.2	6.2	81	5.9	1018.3	4	000	05	2	2	8	8	5	/	/	81820	88645			28	1Sc35 Cu hum
29	62	7	10	06	12	13.0	3.1	51	4.7	1021.3	8	015	02	2	2	7	8	6	/	/	81838	87645			29	
30	59	0	07	12	23	15.3	0.7	37	4.0	1012.8	7	031	05	0	0	0	0	9	0	0					30	
31	84	3	13	10	19	17.5	5.4	45	5.6	1005.5	6	010	03	0	0	3	8	7	3	1	83850				31	1Sc56 1Ac60 1Ci75 Cu med ra

Mean vis = 23.1 km

Mean cloud = 6.0 75%

Mean wind speed = 8.9 kn

Mean gust = 18 kn

Mean TT = 9.8 C

Mean TdTd = 3.2 C

Mean RH = 65.3 %

Mean r = 4.9 g/kg

Mean PPP = 1019.1 mbar

VV = Visibility code (Code FM12-4377)

N = Total cloud amount, oktas

dd = Direction from which wind is blowing, tens of degrees true

ff = 10 minute mean wind speed, knots

gg = Highest gust in past hour, knots

TT = Air temperature at 1.2 m, deg Celsius

TdTd = Dew point temperature at 1.2 m, deg Celsius

RH = Relative humidity at 1.2 m

r = Humidity mixing ratio at 1.2 m, g/kg

PPP = Air pressure reduced to sea level, mbar

a = Characteristic of pressure tendency (Code FM12-0200)

ppp = 3 hr pressure tendency, tenths of mbar

ww = Present weather code (Code FM12-4677)

W1, W2 = Past weather code (Code FM12-4561)-

covers past 3 hours.

Nh = Amount of low cloud present, oktas

Cl = Type of low cloud (Code FM12-0513)

h = Height of low cloud (Code FM12-1600)

Cm = Type of medium cloud (Code FM12-0515)

Ch = Type of high cloud (Code FM12-0509)

8 groups. 8 = indicator for cloud detail

N = Amount of cloud, oktas

C = Type of cloud (FM12-0500)

hshs = Height of cloud (FM12-1677)

Remarks : COTRA = persistent condensation

trails present.

