

Wokingham Emmbrook (2) From September 2006
 51.42 N 0.85 W Height 45 M ASL
 NGR SU 79845 70133 (GPS)
 Met Office rainfall station 272853
 Col station 55029

Wokingham Emmbrook (1) From January 1976 to September 2006
 51.42 N 0.85 W Height 44 M ASL
 NGR SU 80034 69874 (GPS)
 Met Office rainfall station 272853
 Col station 55004

Climatological averages for the period 1981 to 2010

Month	Mean temperatures					Frost hrs N=29	Rain Total	Days Dry <0.2	Rain mm					Sunshine					Pressure					
	Air			Grass	30cm				Rain	Wet	=>0.2	=>1	=>5	=>10	Mean	Daily mean	Days Nil	ASL at 09GMT	Days with					
	Max	Min	Mean	Min	30cm				Total	Wet	=>0.2	=>1	=>5	=>10	Mean	Daily mean	Days Nil	ASL at 09GMT	AF	GF	SN	SL	TH	HA
January	7.8	1.8	4.8	-1.1	5.4	98.1	62.0	14.3	16.7	11.5	4.7	1.5	62.6	2.02	10.6	1016.7	10.1	17.5	3.5	1.9	0.5	0.2	1.3	2.1
February	8.2	1.5	4.9	-1.8	5.3	95.4	42.9	15.2	13.1	9.3	3.1	0.8	77.9	2.76	7.1	1017.4	10.4	16.9	4.5	2.3	0.3	0.1	1.6	1.6
March	11.2	3.2	7.2	-0.1	7.1	38.3	45.7	16.9	14.1	9.7	3.3	0.7	111.4	3.59	5.0	1015.9	6.5	15.8	2.4	0.3	0.7	0.5	2.3	0.8
April	14.0	4.4	9.2	0.7	9.9	15.6	48.5	16.7	13.3	9.0	3.5	1.0	160.5	5.35	2.5	1015.0	3.6	13.6	1.2	0.1	1.9	0.7	1.9	0.2
May	17.5	7.5	12.5	4.3	13.5	1.1	50.4	18.2	12.8	9.3	3.1	1.3	190.2	6.14	1.9	1015.9	0.5	5.4	0.0	0.0	2.3	0.7	0.7	0.2
June	20.5	10.5	15.5	7.6	16.8	0.0	49.2	18.9	11.1	7.9	3.2	1.3	192.4	6.41	1.3	1017.1	0.0	0.6	0.0	0.0	2.1	0.2	0.1	0.0
July	22.9	12.6	17.7	9.8	18.7	0.0	45.0	19.3	11.7	8.0	2.9	1.2	198.4	6.40	1.0	1016.6	0.0	0.0	0.0	0.0	2.7	0.2	0.1	0.0
August	22.6	12.4	17.5	9.3	18.7	0.0	50.4	19.6	11.4	8.0	3.2	1.3	193.6	6.24	1.0	1016.3	0.0	0.0	0.0	0.0	2.5	0.1	0.1	0.2
September	19.4	10.0	14.7	6.7	16.4	0.0	53.7	18.4	11.6	8.3	3.3	1.6	143.1	4.77	2.1	1016.7	0.0	1.6	0.0	0.0	1.6	0.2	0.0	0.8
October	15.2	7.2	11.2	4.1	13.1	9.6	71.9	16.6	14.4	10.8	4.9	1.9	111.1	3.59	4.7	1014.3	1.9	6.9	0.1	0.0	0.7	0.0	0.3	1.5
November	10.9	4.1	7.5	1.1	9.4	43.8	68.8	14.6	15.4	11.1	5.0	2.0	71.3	2.38	8.2	1014.4	5.8	13.1	0.5	0.1	0.5	0.2	0.5	1.9
December	8.0	2.1	5.0	-0.6	6.6	100.1	62.6	15.8	15.2	10.5	4.8	1.5	55.2	1.78	11.9	1015.7	10.8	16.3	2.5	1.7	0.2	0.1	0.6	2.2
Annual	14.9	6.5	10.7	3.4	11.8	397.6	651.1	204.6	160.7	113.4	44.9	15.9	1568.2	4.29	57.4	1016.0	49.5	108.0	14.5	6.3	15.9	3.2	9.4	11.5
Spring	14.3	5.0	9.6	1.6	10.2	55.1	144.6	51.8	40.2	28.0	9.9	2.9	462.0	5.02	9.5	1015.6	10.6	34.9	3.6	0.4	4.8	1.9	5.0	1.1
Summer	22.0	11.8	16.9	8.9	18.0	0.0	144.7	57.9	34.1	24.3	9.2	3.8	584.4	6.35	3.3	1016.6	0.0	0.6	0.0	0.0	7.3	0.4	0.3	0.2
Autumn	15.2	7.1	11.1	4.0	13.0	53.4	194.3	49.7	41.3	30.1	13.2	5.5	325.5	3.58	15.0	1015.1	7.7	21.6	0.6	0.1	2.7	0.4	0.8	4.2
Winter	8.1	1.8	5.0	-1.1	5.8	285.8	168.2	45.1	45.2	31.5	12.9	3.8	197.1	2.18	29.3	1016.6	30.8	50.7	10.1	5.5	1.0	0.5	3.3	5.7

AF = Air frost GF = Ground frost SN = Snow falling SL = Snow lying TH = Thunder HA = Hail =>5 mm IC = Hail < 5mm FG = Fog at 09 GMT
 Note 1: Sunshine taken from area average of Campbell Stokes recorders prior to 1996, and subsequently from an electronic detector This will affect the averages
 Note 2: Frost hours are 1982 to 2010 (29 years)

Extremes 1981 to 2010

Month	Monthly											Daily															
	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo					
	Max	Max	Min	Min	Mean	Mean	Grass	30cm	30cm	Rain	Rain	Hi	Sun	Sun	Pres	Lo	Hi	max	max	min	min	grass	Rain	Hi	Hi	Lo	pres
January	10.4	3.4	4.9	-2.0	7.6	0.8	-5.3	7.6	2.8	138.2	10.9	105.7	20.6	31.2	3.7	15.0	-6.3	12.0	-15.3	-20.7	23.3	8.5	45.5	67.6			
February	11.4	1.4	5.2	-3.7	8.3	-1.1	-7.0	7.4	2.2	97.9	4.4	149.5	46.2	31.7	3.4	17.8	-3.9	12.1	-12.1	-17.8	25.0	9.7	44.1	52.4			
March	13.6	8.3	6.3	0.8	9.1	4.9	-3.0	8.7	4.6	109.8	7.6	188.4	54.4	27.5	4.0	21.3	-0.4	12.5	-7.1	-12.8	23.4	12.3	45.5	61.2			
April	18.6	10.3	6.3	2.2	11.9	6.5	-2.3	11.4	7.6	140.4	1.5	242.8	98.8	23.5	2.2	26.5	3.1	13.0	-4.4	-11.3	28.5	14.1	39.0	72.2			
May	20.5	14.5	9.1	4.9	14.4	9.7	1.7	14.9	11.7	93.5	5.3	310.3	119.3	25.3	7.0	29.8	8.7	15.3	-2.0	-6.6	31.4	15.5	37.7	77.4			
June	23.1	17.2	11.8	9.2	17.2	13.2	5.8	18.1	14.5	120.7	4.5	274.9	127.0	22.0	9.6	32.0	12.0	18.8	1.3	-4.0	43.6	16.0	38.2	90.6			
July	27.5	19.4	14.7	11.2	20.9	15.4	7.6	21.4	17.2	119.1	8.2	302.3	148.5	21.1	11.6	35.8	14.9	19.0	4.7	0.1	39.2	15.5	34.0	86.1			
August	26.5	19.4	15.0	10.5	20.0	15.2	6.7	20.5	17.2	104.5	2.7	286.0	109.5	21.6	10.9	36.9	13.6	19.6	4.7	0.5	30.6	14.8	31.2	84.5			
September	22.6	17.1	13.4	6.5	18.0	11.8	2.6	17.8	14.4	144.2	6.6	200.1	86.7	24.0	9.1	29.6	9.7	18.0	0.8	-3.2	62.2	13.1	39.5	81.9			
October	17.9	12.3	10.6	4.3	14.1	8.3	1.1	14.8	11.6	156.9	18.9	170.8	61.9	24.5	6.9	25.9	6.9	16.0	-5.0	-9.2	52.3	10.9	40.5	59.7			
November	13.2	7.9	8.0	0.8	10.6	4.4	-1.9	11.5	7.4	164.9	19.5	113.4	35.4	24.9	99.2	18.5	0.7	14.5	-7.8	-12.5	30.5	9.1	42.1	64.9			
December	10.4	3.7	5.1	-2.5	7.6	0.6	-5.4	8.3	3.8	132.9	10.2	96.3	24.4	28.9	2.5	15.7	-2.4	12.7	-14.9	-23.3	31.2	7.4	45.3	65.2			
Annual	16.1	13.5	7.6	5.3	11.7	9.5	2.2	12.4	10.6	872.0	459.1	1905.8	1348.3	18.0	13.9	36.9	-6.3	19.6	-15.3	-23.3	62.2	16.0	45.5	52.4			

Change from 1971 to 2000 averages

Month	Mean temperatures					N=29 Frost hrs	Rain Total	Days Dry <0.2	Rain mm					Sunshine					Pressure				
	Air			Grass	30cm				Rain	Wet	=>0.2	=>1	=>5	=>10	Mean	Daily mean	Days Nil	ASL at 09GMT	Days with				
	Max	Min	Mean	Min	30cm				Total	Wet	=>0.2	=>1	=>5	=>10	Mean	Daily mean	Days Nil	ASL at 09GMT	AF	GF	SN	SL	TH
January	+0.3	+0.3	+0.3	x	x	x	+0.9	0.0	0.0	+0.1	x	x	x	x	x	+0.7	-0.3	-1.0	-0.3	-0.1	0.0	c -0.1	-0.3
February	+0.3	+0.2	+0.3	x	x	x	+1.5	+0.1	-0.1	+0.4	x	x	x	x	x	+0.7	0.0	-1.6	+0.7	+0.3	-0.2	c +0.1	-0.8
March	+0.6	+0.3	+0.4	x	x	x	-1.3	+0.8	-0.8	-0.2	x	x	x	x	x	+0.3	-0.1	-1.3	-0.2	-0.1	-0.1	c +0.3	-0.3
April	+0.9	+0.3	+0.6	x	x	x	-0.4	-0.1	+0.1	-0.1	x	x	x	x	x	-0.3	-0.1	-0.6	-0.4	+0.1	+0.3	c +0.3	-0.2
May	+0.5	+0.5	+0.5	x	x	x	+0.2	0.0	0.0	0.0	x	x	x	x	x	0.0	-0.1	-1.6	-0.1	0.0	-0.3	c +0.2	0.0
June	+0.7	+0.4	+0.5	x	x	x	-5.4	+0.1	-0.1	-0.4	x	x	x	x	x	+0.1	0.0	-1.2	0.0	0.0	-0.4	c 0.0	0.0
July	+0.4	+0.3	+0.3	x	x	x	+3.5	-1.5	+1.5	+0.9	x	x	x	x	x	-0.8	0.0	-0.2	0.0	0.0	+0.2	c +0.1	-0.1
August	+0.4	+0.4	+0.4	x	x	x	-0.7	-0.3	+0.3	+0.2	x	x	x	x	x	-0.8	0.0	-0.3	0.0	0.0	0.0	c +0.1	-0.1
September	+0.5	+0.3	+0.4	x	x	x	-9.0	+0.4	-0.4	-0.4	x	x	x	x	x	+0.2	0.0	-1.4	0.0	0.0	-0.3	c -0.2	0.0
October	+0.4	+0.5	+0.4	x	x	x	+5.0	-0.9	+0.9	+0.8	x	x	x	x	x	-0.9	+0.5	-1.4	+0.1	0.0	+0.1	c -0.1	-0.7
November	+0.4	+0.4	+0.4	x	x	x	+7.7	-0.7	+0.7	+0.9	x	x	x	x	x	-0.8	-0.6	-1.7	-0.1	0.0	+0.1	c +0.1	-0.3
December	-0.3	-0.4	-0.4	x	x	x	-2.0	+0.9	-0.9	-0.2	x	x	x	x	x	+0.6	+1.9	0.0	+0.5	+0.4	-0.1	c 0.0	-0.2
Annual	+0.5	+0.3	+0.4	x	x	x	0.0	-1.1	+1.1	+1.8	x	x	x	x	x	0.0	+1.6	-11.6	+0.3	+0.4	-0.4	c +0.7	-3.1