

WOKINGHAM METEOROLOGICAL DATA

Lat 51.425 N, Long 0.853 W, NGR (SU) 798701

Altitude 45 m ASL.

Emmbrook,

Wokingham,

Berkshire.

Annual

Summary

2015

Temperature

	°C	°F	Anom	Rank in 134 years
Mean maximum	15.5	59.9	(+0.6)	13th highest
Mean minimum	6.7	44.1	(+0.2)	12th highest
Daily mean	11.1	52.0	(+0.4)	13th highest
Highest maximum	33.9	93.0		on 1st July
Lowest maximum	2.3	36.1		on 2nd February
Highest minimum	17.6	63.7		on 21st August
Lowest minimum	-7.2	19.0		on 23rd January
Mean grass minimum	3.5	38.3	(+0.1)	
Lowest grass minimum	-11.8	10.8		on 23rd January
Mean 30cm earth temp.	12.3	54.1	(+0.5)	
Highest 30cm	19.9	67.8		on 5th July
Lowest 30cm	3.3	37.9		on 7th February
Mean 100cm earth temp	12.2	54.0		
Highest 100cm	17.2	63.0		on 26th August
Lowest 100cm	6.0	42.8		on 12th February
Warmest month	July,		daily mean 17.1 °C,	62.8 °F
Coollest month	February,		daily mean 4.1 °C,	39.4 °F

Table 1. Temperature category for each month. (See note 2, page 4)

Category	Month
1. Very cool	-
2. Cool	Sep
3. Normal	Jan, Feb, Mar, May, Jul, Aug
4. Warm	Apr, Jun, Oct
5. Very warm	Nov, Dec

Table 2. Number of days with max/min air temperature in given range.

Range, deg C	Number of days		Range, deg C	Number of days	
	Max	Min		Max	Min
-15.0 to -10.1	0	0	10.0 to 14.9	115	102
-10.0 to -5.1	0	4	15.0 to 19.9	119	9
-5.0 to -0.1	0	34	20.0 to 24.9	58	0
0.0 to 4.9	8	90	25.0 to 29.9	13	0
5.0 to 9.9	50	126	30.0 to 34.9	2	0

Table 3. Monthly totals of Air Frost and Ground Frost.

	Jan	Feb	Mar	Apr	May	Jun	
Air frost	13 (+3)	14 (+4)	5 (-2)	3 (-1)	0 (-1)	0 (0)	
Ground frost	19 (+2)	23 (+6)	21 (+5)	19 (+5)	5 (0)	1 (0)	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Air frost	0 (0)	0 (0)	0 (0)	0 (-2)	3 (-3)	0 (-11)	38 (-11)
Ground frost	0 (0)	0 (0)	3 (+1)	9 (+2)	3 (-10)	4 (-12)	107 (-1)

Date of: last spring air frost, 20th April ground frost, 4th June
 first autumn air frost, 22nd November ground frost, 6th September
 Frost free period, air 215 days, (+26) ground 93 days, (-28).
 Annual total of air frost duration: 202.4 hours (-185.8)
 Frostiest month January, 76.9 hours

[Difference from 1981-2010 average in brackets]

Temperature anomaly in deg C

Rainfall.

Total **546.8** mm 21.53 inches (84 %) 22nd lowest in 134 years

Number of : Rain days 168 (+7) Wet days 114 (+1) Days => 5mm 32 (-13)

A rain day has at least 0.2 mm

A wet day has at least 1.0 mm

Highest daily fall to 9am: 34.6 mm on 24th July

Wettest month, August 80.2 mm 159 % of average
Driest month, April 15.6 mm 32 % of average

Duration of measurable rainfall; 474.7 hours Longest in a day; 13.5 hours on 24th July
Highest monthly duration; 65.1 hours in November Lowest ; 22.0 hours in April

Number of dry spells, (5 or more consecutive dry days): 14
Longest dry spell; 13 days, 1st to 14th March
Total number of : Dry days, 197 (-7) Days in dry spells, 113

Table 4. **Rainfall category for each month.**

Category	Month
1. Very wet	-
2. Wet	Aug
3. Normal	Jan, Feb, May, Jul, Sep, Oct, Nov, Dec
4. Dry	Mar, Jun
5. Very dry	Apr

(See note 2, page 4)

Table 4a **Rain rate, maximum daily, between given limits**

Rate mm/hr	Days	Rate mm/hr	Days
<10	141	50 to 100	5
10 to 25	22	100 to 250	2
25 to 50	9	>250	0
		Missing *	5
Highest rate	207 mm/hr on the 26th August		

Table 5. **Distribution of measurable rainfall duration.**

Hours	Days	Hours	Days	Hours	Days
0	167	6.1 to 9.0	17	18.1 to 21.0	0
0.1 to 1.0	85	9.1 to 12.0	2	21.1 to 24.0	0
1.1 to 3.0	50	12.1 to 15.0	2	Missing *	0
3.1 to 6.0	42	15.1 to 18.0	0	*Not available due to snow/ice	

Table 6. **Number of days with rainfall between given limits.**

Fall, mm	Days	Fall, mm	Days
0.0 to 0.1	197	10.0 to 19.9	9
0.2 to 0.9	54	20.0 to 29.9	1
1.0 to 4.9	82	30.0 to 39.9	1
5.0 to 9.9	21	> 39.9	0

Sunshine.

(Recorded on an electronic sunshine detector)

Total **1598.0** hours Daily mean **4.38** hours (102 %)

Sunniest day 15.0 hours on the 30th June

Number of days: Nil sun 54 (-3) =>12 hrs 14

Weather.

Number of days with:

Snow or sleet falling; 12 (-2)
Snow lying at 0900 GMT; 2 (-4)
Thunder heard; 6 (-10)
Hail; 11 (-1) =>5mm; 3 (0) <5mm, 8 (-1)
Fog at 0900 GMT; 4 (-7)

Air Pressure,

corrected to MSL.

Mean at 0900 GMT **1017.4** mabr (+1.4)

Absolute highest 1042.0 mbar on 17th February

Absolute lowest 975.0 mbar on 30th January

[Difference from 1981-2010 average in brackets]

Wind**Table 7. Summary of monthly wind speed at 10 metres**

Month	Mean speed mph	Windiest day		Highest gust		Calm 0.5 mph or less hours
		mph	Date	mph	Date/time (GMT)	
January	8.5	16.9	9th	56	9/1928	8.0
February	6.8	12.8	23rd	41	28/2342	4.0
March	8.2	17.5	31st	60	31/1401	4.3
April	6.2	11.7	1st	35	12/1439	17.6
May	8.1	15.4	5th	50	6/1644	2.8
June	7.0	15.0	2nd	41	2/1418	3.8
July	7.1	11.7	27th	35	7/1624	5.6
August	5.9	10.1	26th	35	26/0520	9.9
September	5.1	8.8	24th	32	14/1500	20.6
October	5.0	8.3	16th	29	24/1634	16.2
November	9.1	15.5	29th	54	17/1922	4.0
December	10.6	18.4	5th	51	30/0756	0.3
Year	7.3	18.4	5th December	60	31st March	97.1

Table 8. Summary of hourly mean wind direction. Number of hours with wind from given directions, in degrees from true north, summed over 30 degree segments.

	Direction											
	360 N	030 NNE	060 ENE	090 E	120 ESE	150 SSE	180 S	210 SSW	240 WSW	270 W	300 WNW	330 NNW
January	16	18	14	11	16	12	52	191	234	92	38	50
February	60	85	12	11	23	19	52	136	87	54	66	67
March	47	140	49	14	22	22	34	112	133	113	36	22
April	45	109	158	16	10	9	47	135	97	54	16	24
May	29	36	35	42	14	14	29	152	211	96	48	38
June	49	85	48	11	11	19	26	125	172	97	25	52
July	21	16	35	20	14	22	41	184	216	115	36	24
August	45	75	43	21	16	27	87	238	105	31	30	26
September	40	84	113	44	21	13	29	114	92	57	62	51
October	135	116	39	54	43	52	82	76	69	32	19	27
November	9	2	24	20	11	15	52	196	281	57	32	21
December	1	2	11	8	26	46	118	386	142	2	2	0
Year	497	768	581	272	227	270	649	2045	1839	800	410	402

Appendix 1.

Monthly statistics from the electronic sunshine detector, 2015.

Note:

Month	Total hours	Highest daily, hrs/date	Number of days with:			Hours		
			Nil	0.1 to 2.9	3.0 to 5.9	6.0 to 8.9	9.0 to 11.9	=>12.0 hrs
January	84.9	7.8 on 24th	8	7	12	4	0	0
February	73.2	9.5 on 17th	5	14	4	3	2	0
March	141.2	10.6 on 18th	3	6	10	8	4	0
April	214.5	13.8 on 21st	1	7	3	8	5	6
May	197.3	14.8 on 13th	1	4	10	9	5	2
June	229.2	15.0 on 30th	0	5	7	6	7	5
July	192.4	14.6 on 9th	2	7	7	2	12	1
August	139.2	11.9 on 2nd	4	7	10	6	4	0
September	157.3	11.9 on 10th	0	14	5	5	6	0
October	94.1	10.9 on 2nd	7	10	9	3	2	0
November	28.5	4.6 on 21st	13	13	4	0	0	0
December	46.2	6.5 on 9th	10	13	7	1	0	0
Year	1598.0	15.0	54	107	88	55	47	14

Appendix 2.

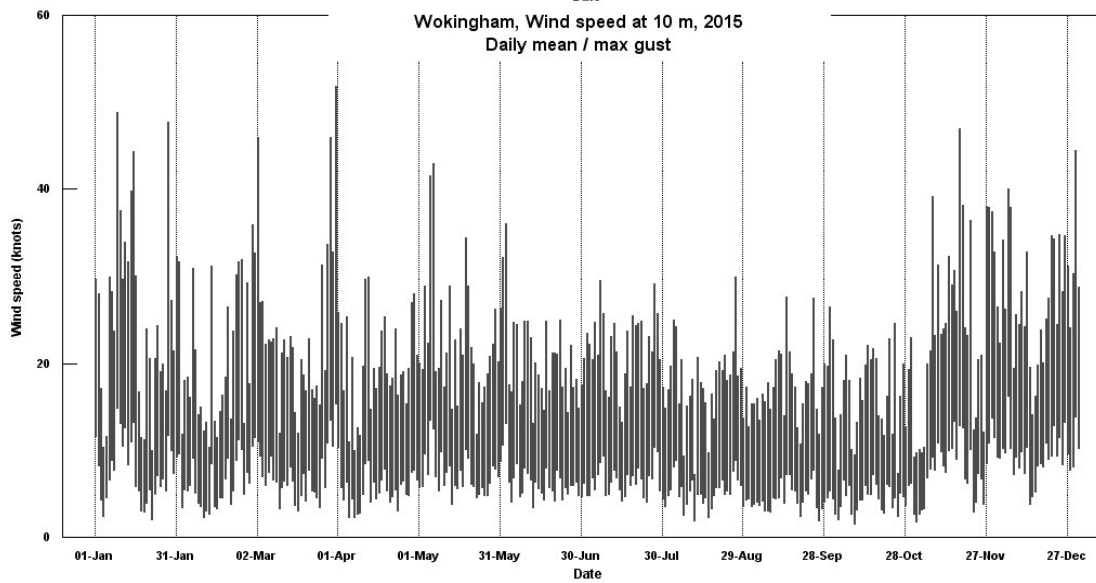
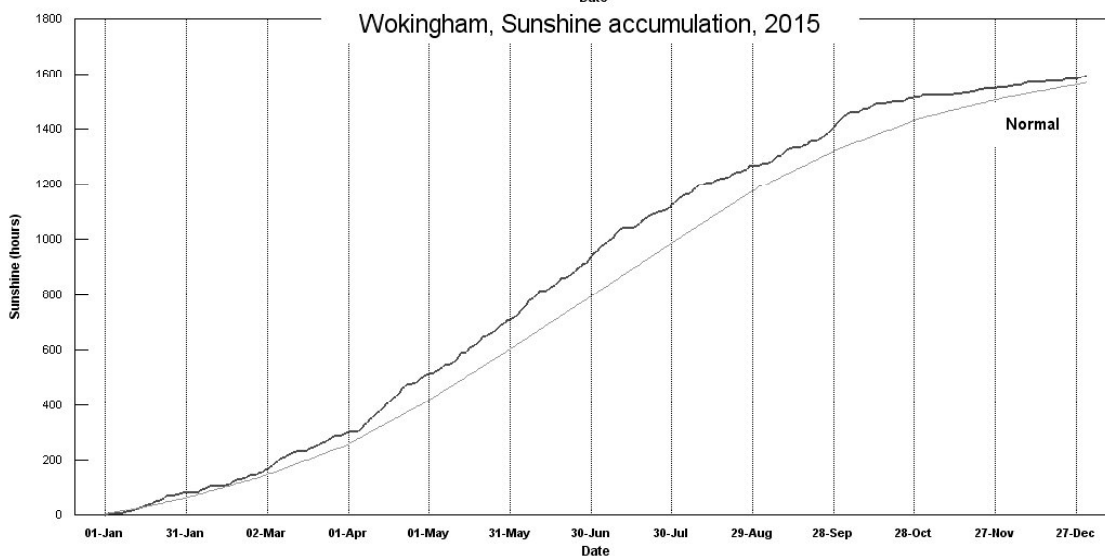
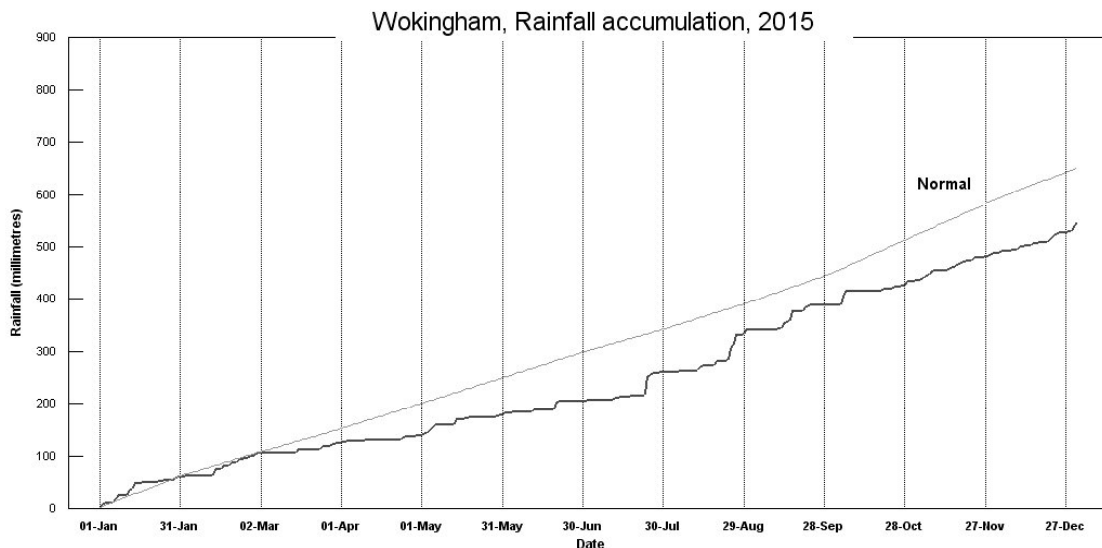
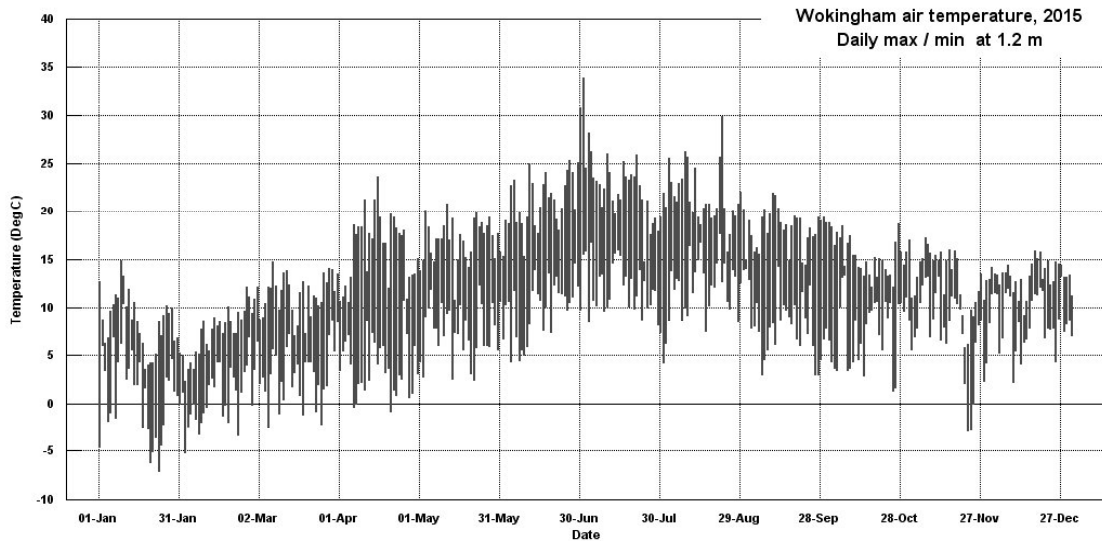
Monthly categories, quick look table, 2015.

Month	Temperature Category	Rainfall Category	Sunshine Category	Index	(see note 1)
January	3 Normal	3 Normal	5 Very sunny	11	
February	3 Normal	3 Normal	5 Very sunny	11	
March	3 Normal	4 Dry	4 Sunny	11	
April	4 Mild	5 Very dry	4 Sunny	13	
May	3 Normal	3 Normal	3 Normal	9	
June	4 Mild	4 Dry	3 Normal	11	
July	3 Normal	3 Normal	3 Normal	9	
August	3 Normal	2 Wet	1 Very dull	6	
September	2 Cool	3 Normal	3 Normal	8	
October	4 Mild	3 Normal	2 Dull	9	
November	5 Very mild	3 Normal	1 Very dull	9	
December	5 Very mild	3 Normal	3 Normal	11	

Note 1). Index, on scale 3 to 15 between 'worst' and 'best' months.

Note 2). Definition of categories used in Tables 1 and 4 and in Appendix 2: Category 1; the value lies within the worst 10% of ranked values for all years available. Category 2; between 10% and 30% above the worst value. Category 3; within 20% of the median value. Category 4; between 10% and 30% below the best value. Category 5; within 10% of the best value. In this context, best (worst) refer to above (below) normal temperature and sunshine, but below (above) normal rainfall. For temperature and rainfall, data since 1882 are considered, and for sunshine since 1908.

Annual Summary 2015	
Appendix 3	Page 5
	Summary of notable features in 2015
January	Mean temperature and rainfall near average. Sunny. Windy at times. Mean daily temperature range highest for January in the past 40 years. The highest maximum is 2 nd highest in the past 112 years.
February	Temperature, rainfall and sunshine all below average. Mean grass min lowest since 1996. Number of days with air frost 2 nd highest since 1996.
March	Dry and sunny with average temperatures. The lowest min is 2 nd highest since 2000, The highest 24 hour rainfall is lowest for March since 1999. Wind gust of 60 mph on 31 st is highest for March since 1995.
April	Mild, sunny and very dry. The mean maximum temperature is 7 th highest in 134 years. Mean daily temperature range is 3 rd highest for April in the past 40 years. The month's highest pressure is 2 nd highest for April since before 1976.
May	Temperature, rainfall and sunshine near average, and quite windy. 3 rd coldest May since 1996. The highest max is lowest since 1994. Windiest May since 1993.
June	Dry with average mean temperature and above average sunshine. Mean wind speed 2 nd highest for June since 1998.
July	Below average temperature, above average rainfall, near average sunshine. 33.9° on the 1 st is 3 rd highest for July in over 100 years while an overnight min of 4.1° on the 31 st is the lowest for July since 1907. The lowest max is equal lowest since 1969. 24 hour rainfall of 34.6 mm on 24 th is 9 th highest for July in 112 years.
August	Wet, cool and dull. The lowest max is lowest since 1986. The mean earth temperature at 1 m depth is lowest since before 1989.
September	Cool with rainfall below, and sunshine above, average. The mean minimum is lowest since 1986, and the daily mean is lowest since 1993. The highest min is equal lowest since 1992. The mean grass min is lowest since 1986. Earth temperatures at 1m depth equal lowest since before 1989.
October	Temperature near average, rainfall and sunshine below average. Highest wind gust is lowest for October since before 1988.
November	Exceptionally mild and dull with below average rainfall and strong winds. Mean temperature is 2 nd highest after 1994 since 1882. Mean daily temperature range lowest since 1994. Grass min equal highest since before 1979. Highest 24 hour rainfall is 8 th lowest for November since 1904. Lowest November sunshine total for over a century. Windiest November since before 1988.
December	Incredibly mild, with rainfall and sunshine below average, and strong winds. The mean maximum, mean minimum and daily mean are all new record highs. The daily mean is 2.4° higher than the previous highest in 1934, and the anomaly of 5.8° above the median is highest for any month in the past 134 years. The highest max, lowest max, highest min, lowest min, mean grass min and earth temperatures are all new record highs. The first December in the past 60 years with no air frost. Windiest since 1993.
Year	<p style="text-align: center;">Very Mild and Dry with Above Average Sunshine.</p> <p>Temperature: The mean temperature this year is in the very mild category, joining 7 other years in this millennium there. The overall mean temperature of 11.1° this year had not been reached in any year before 1989, but now ranks 13th highest. It is 0.6° below the record set in 2006, and 0.5° below the mean for 2014. It is worth noting that as a result of the changing climate, this year's mean temperature, while 0.4° above the 1981 to 2010 30 year average, is 1.1° above the 134 year median. The highest maximum is 3.6° above the median, is highest since 2006 and 8th highest in the past 112 years. The lowest maximum is 2.7° above the median and is 6th highest in 103 years, but is 1.3° below the record set last year. The highest min is 0.5° above the median while the lowest min is 0.6° above its median. The mean grass min is close to average, and the lowest is 1.5° above average. Mean earth temperatures at 30 cm and 1 m depth are 0.5° and 0.0° above average respectively. The duration of air frost is 53% of average, and there were 11 fewer days with air frost than average. Rainfall: The rainfall this year is well below average, 94 mm less than the 134 year median, and driest since 2010, this coming after the 3rd wettest year on record in 2014. Although January and February had close to average falls, it was not until July that we saw an above average monthly amount. In fact, only July and August this year had above average rainfall, and the spring and early summer were quite dry, especially April, which had only 32% of average. The year's two highest daily falls were also in the summer, 34.5 mm on 24th July and 20.0 mm on the 24th August, and the year's highest rainfall rate of 207 mm/hr occurred on the 26th August. Despite the overall lack of rainfall, the number of dry days is 7 fewer than average, although the number of days with 5 mm or more is 15 fewer than average, and lowest since before 1976. Rainfall duration is 92 % of average. Snow fell on 6 days in January and 5 in February, but lying snow at 0900 hours was only seen on 2 days, the 31st January and 3rd February, maximum depth 2 cm on the latter day. Thunder was far less frequent than average, and was heard on only 6 days, the fewest in a year since 1953. Estimated soil moisture deficit reached a maximum of 237 mm in the 2nd half of August, compared with a median value of 197 mm. A seasonal index of stress for unirrigated shallow rooted plants was 102 in the spring (average 67) and 941 in summer (average 645), highest since 2010 and before that 2003. Sunshine: The sunshine total this year is just a little above average, and in this millennium 8 years have had less and 7 more hours of sunshine than this year. Compared with average January and April fared best with over 130 %, but in absolute terms June with a daily mean of 7.64 hours per day was sunniest, although April wasn't far behind with 7.15. Probably most notable was the lack of sunshine in November, with a daily mean of just 0.95 hours, it is the dullest November for over a century. The best sunny period was in April, from the 6th to 23rd, with a daily mean of 9.53 hours. Compare this with the 1st to 11th November, mean 0.10 hours per day, or the 10th to 18th December, mean 0.16 hours per day. Wind: This has been quite a windy year, and the mean speed is highest since 1994. However, the year's highest gust is lower than both 2014 and 2013, though it is close to average. The total run of wind was 102176 km, a mean of 279 km/day. Compared with average, SW winds were 8.0 % more frequent, at the expense of S and E combined, 6.5% less frequent, and NW, N and NE combined, 2.4% less frequent. Humidity: The overall mean relative humidity was 77.0 % and the lowest value was 19% on the 10th July. The mean water vapour content per kg of air was 6.6 g at 0900 GMT and 6.3 g at 1500 GMT. Pressure: The mean pressure is highest since 2005. The total span of pressure was 67.0 mbar, 2.7 mbar below average.</p> <p>© Bernard Burton. 6th January 2016</p>



Appendix 4.

Summary of observations at 0900 GMT

Month	Monthly means								Visibility statistics						
	Vis	Cld	TT	Td	RH	WS	WG	pp	TF	FO	VP	PO	MO	GO	EX
January	17.9	75	4.3	2.5	89	6.9	14	1014.1	1	0	4	7	8	10	1
February	16.8	79	3.8	1.7	86	6.1	12	1017.3	0	0	4	11	4	8	1
March	18.0	71	6.9	3.0	77	7.5	16	1021.3	0	0	4	7	10	8	2
April	27.2	56	10.6	5.0	69	6.2	14	1022.2	0	0	1	7	5	12	5
May	29.8	77	12.7	6.8	68	8.2	17	1014.8	0	0	1	3	8	14	5
June	31.5	69	16.0	9.3	66	8.8	14	1020.3	0	0	1	2	5	16	6
July	32.3	71	17.7	11.3	68	7.2	15	1014.6	0	0	1	4	3	16	7
August	29.5	77	17.2	12.2	73	6.1	12	1014.4	0	0	1	4	2	19	5
September	26.1	63	13.4	10.4	83	5.3	11	1017.4	0	0	1	3	11	11	4
October	12.4	72	11.4	9.5	89	5.1	11	1018.3	0	1	2	12	13	3	0
November	15.2	86	10.0	7.8	87	7.7	16	1016.2	1	1	3	7	10	8	0
December	19.2	80	10.8	7.8	82	8.8	18	1018.5	0	0	2	3	16	10	0
Year	23.0	72	11.3	7.3	78	7.0	14	1017.4	2	2	25	70	95	135	36

Summary of observations at 1500 GMT

Month	Monthly means								Visibility statistics						
	Vis	Cld	TT	Td	RH	WS	WG	pp	TF	FO	VP	PO	MO	GO	EX
January	25.9	67	6.5	1.8	73	8.2	19	1014.0	0	0	1	9	4	12	5
February	24.1	75	6.7	1.4	71	7.5	16	1016.3	0	0	0	6	8	12	2
March	25.4	70	10.4	1.7	57	9.0	19	1020.3	0	0	2	7	5	12	5
April	40.1	66	14.8	3.9	50	7.5	16	1020.9	0	0	0	1	7	6	16
May	37.8	72	15.8	5.6	52	9.2	20	1014.4	0	0	0	1	3	16	11
June	43.4	68	20.0	8.5	49	8.4	18	1019.2	0	0	0	1	1	12	16
July	38.7	71	21.4	10.0	51	8.5	18	1013.6	0	0	1	2	1	15	12
August	32.6	80	19.9	11.5	61	6.9	15	1013.5	0	0	2	2	6	11	10
September	37.8	64	17.1	8.7	59	6.4	15	1016.7	0	0	1	1	2	14	12
October	23.0	76	14.3	9.2	73	5.5	12	1017.2	0	0	1	4	11	13	2
November	21.7	87	11.6	8.6	82	9.4	20	1014.5	0	0	4	5	9	9	3
December	20.2	87	12.1	8.3	78	10.3	22	1017.5	0	0	3	3	14	10	1
Year	30.9	74	14.3	6.6	63	8.1	18	1016.5	0	0	15	42	71	142	95

Legend: Vis = visibility in km. Cld = cloud amount %. TT = air temperature, deg C. Td = Dew point, deg C.
 RH = relative humidity %. WS = wind speed at 10 metres, knots. WG = Highest gust in past hour, knots.
 pp = Air pressure at MSL, mbar. TF = thick fog, <210 m. FO = fog, 210 to 900 m. VP = very poor, 1 to 4 km
 PO = poor, 4.1 to 10 km. MO = moderate, 11 to 20 km. GO = good, 21 to 40 km. EX = excellent, >40 km.

Summary of monthly climatic data.

Year 2015

Month	Max	Min	Mean	Anom	Rain	Grass	30cm	100cm	Sun	Frost	pp09	Af	Sf	Th	Ic	Rain							
	C	C	C	C	mm	min	C	C	hrs	hrs	mbar	Gf	Sl	Ha	Ic	Fg	ddd	ff	sp	hrs			
January	8.5	0.8	4.7	-0.1	62.0	-1.4	5.5	7.7	84.9	76.9	1014.1	13	19	6	1	1	1	1	1	233	5.6	7.4	51.4
February	7.5	0.6	4.1	-0.8	40.7	-3.6	4.5	6.3	73.2	74.6	1017.3	14	23	5	1	0	0	1	0	252	2.1	5.9	48.3
March	11.4	3.0	7.2	0.0	23.0	-1.1	7.1	7.3	141.2	24.2	1021.3	5	21	0	0	0	1	3	0	253	2.8	7.1	28.3
April	16.2	3.8	10.0	+0.8	15.6	0.0	11.1	9.7	214.5	1.8	1022.2	3	19	0	0	0	0	0	0	258	0.7	5.4	22.0
May	17.0	7.4	12.2	-0.3	39.1	4.0	14.0	12.4	197.3	0.0	1014.8	0	5	0	0	0	1	1	0	235	4.1	7.0	35.8
June	21.3	9.7	15.5	0.0	27.2	6.6	16.7	14.6	229.2	0.0	1020.3	0	1	0	0	2	0	0	0	253	2.4	6.1	22.1
July	22.6	11.7	17.1	-0.6	55.4	9.0	18.7	16.9	192.4	0.0	1014.6	0	0	0	0	1	0	0	0	233	4.3	6.2	31.5
August	21.3	12.1	16.7	-0.8	80.2	9.3	18.1	16.9	139.2	0.0	1014.4	0	0	0	0	1	0	0	0	210	2.6	5.1	49.1
September	18.2	7.8	13.0	-1.7	46.3	3.9	15.8	16.1	157.3	0.0	1017.4	0	3	0	0	0	0	0	0	272	0.6	4.4	24.6
October	15.4	7.5	11.4	+0.2	47.1	4.1	13.1	14.2	94.1	0.0	1018.3	0	9	0	0	1	0	0	1	50	0.4	4.3	44.6
November	12.9	7.4	10.1	+2.6	53.2	5.1	11.5	12.9	28.5	24.9	1016.2	3	3	1	0	0	0	1	2	229	6.5	7.9	65.1
December	13.3	8.6	10.9	+5.9	57.0	6.0	10.4	11.4	46.2	0.0	1018.5	0	4	0	0	0	0	1	0	205	8.3	9.2	51.9
Year	15.5	6.7	11.1	+0.4	546.8	3.5	12.3	12.2	1598.0	202.4	1017.4	38	107	12	2	6	3	8	4	230	3.2	6.3	474.7

Legend: Max/min/mean = Monthly mean of daily maximum/minimum/mean air temperature at 1.2 metres.
 Anom = Departure of mean temperature from climatic mean. Rain = monthly rainfall total.
 Grass min = Mean grass minimum temperature. 30cm/100cm = Mean earth temperature at 30 and 100 cm depth.
 Sun hrs = Hours of bright sunshine. Frost hrs = hours with air temperature below zero C. pp09 = Air pressure msl at 09 gmt.
 Days with: Af = air frost. Gf = ground frost. Sf = snow falling. Sl = snow lying. Th = thunder. Ha = hail >5mm. Ic = small hail or ice.
 Fg = Fog at 09 gmt. ddd ff = mean wind vector, degrees from true north, speed in knots. sp = mean scalar wind speed knots.
 Rain hrs = duration of measurable rain (excludes snowfall).

Appendix 5.

Wokingham annual climatic data for recent years.

Year	Mean max	Mean min	Mean	Anom	Hi max	Lo min	Rain mm	Grass min	30 cm	100 cm	Sun hrs	Frost hrs	pp09	Af	Sf Gf	Th Sl	Ic Ha	Fg	ddd	ff	sp
2004	15.3	7.1	11.2	+0.9	30.7	-6.2	612	4.0	12.1	12.3	1475	280	1016.1	40	92 13	2 3	4 15	4 4	241	2.3	5.4
2005	15.4	6.7	11.1	+0.8	31.1	-6.9	492	3.5	12.0	12.2	1610	388	1018.0	55	115 23	4 14	2 12	10 10	246	1.8	5.2
2006	15.9	7.6	11.7	+1.4	35.8	-6.7	665	4.7	12.2	12.3	1648	377	1016.0	45	82 17	1 20	4 12	10 10	232	2.2	5.8
2007	15.6	6.9	11.2	+0.9	28.4	-7.1	745	3.8	12.3	12.7	1684	295	1017.2	41	100 9	3 13	3 5	3 3	248	2.3	5.7
2008	15.1	6.5	10.8	+0.5	28.7	-7.0	717	3.5	11.9	12.2	1582	304	1014.8	46	114 12	2 22	5 18	7 7	236	2.6	6.1
2009	15.3	6.5	10.9	+0.6	31.0	-8.6	643	3.3	11.8	11.9	1677	455	1014.2	54	101 19	17 14	0 8	7 7	241	0.5	5.6
2010	14.2	5.3	9.7	-0.6	30.0	-11.5	536	2.2	11.1	11.6	1557	821	1014.5	81	142 37	25 8	1 11	12 12	267	1.0	5.3
2011	15.9	7.0	11.5	+0.8	28.6	-5.6	589	3.9	12.3	12.6	1639	194	1016.6	36	96 5	0 10	0 3	8 8	229	2.7	5.8
2012	14.8	6.1	10.5	-0.2	29.6	-11.4	807	3.0	11.7	12.0	1564	475	1015.3	57	125 12	6 9	3 6	12 12	235	2.5	5.8
2013	14.6	6.0	10.3	-0.4	32.9	-6.8	604	2.8	11.6	11.7	1523	445	1015.6	66	133 33	11 9	0 14	7 7	244	1.4	6.0
2014	16.0	7.1	11.6	+0.9	29.2	-6.5	883	4.0	12.9	12.8	1666	195	1012.8	33	99 0	0 23	3 15	6 6	221	2.7	5.7
2015	15.5	6.7	11.1	+0.4	33.9	-7.2	547	3.5	12.3	12.2	1598	202	1017	38	107 12	2 6	3 8	4 4	230	3.2	6.3

Legend : See appendix 4.

Wokingham area decadal annual means for the last century

See note1 below

Decade	Mean max	Mean min	Mean	Anom	Mean rain	Anom	Mean sun	Anom
Ending								
1900	14.0	5.3	9.7	-1.0	600	-51	xx	
1910	13.7	5.4	9.5	-1.2	631	-20	xx	
1920	14.0	5.6	9.8	-0.9	700	+49	1588	+21
1930	14.2	5.4	9.8	-0.9	636	-15	1599	+32
1940	14.4	5.7	10.0	-0.7	641	-10	1527	-40
1950	14.6	5.8	10.2	-0.5	616	-35	1572	+5
1960	14.1	5.8	10.0	-0.7	678	+27	1500	-67
1970	13.8	5.8	9.8	-0.9	686	+35	1487	-80
1980	14.1	5.8	9.9	-0.8	655	+4	1538	-29
1990	14.4	6.1	10.3	-0.4	639	-12	1554	-13
2000	14.9	6.6	10.8	+0.1	660	+9	1569	+2
2010	15.3	6.7	11.0	+0.3	654	+3	1611	+44

Anom = difference from current 1981 to 2010 climatological average.

Temperatures in degrees C, Rainfall in mm, Sunshine in hours.

Extreme values from the Wokingham climatological series.

Highest annual mean maximum	16.1	in 2003
Lowest annual mean maximum	12.4	in 1888
Highest annual mean minimum	7.6	in 2006
Lowest annual mean minimum	3.9	in 1887
Highest annual mean temperature	11.7	in 2006
Lowest annual mean temperature	8.4	in 1887
Highest recorded temperature	36.9	on 10th August 2003
Lowest recorded temperature	-15.3	on 14th January 1982
Wettest year	952 mm	in 1903
Driest year	337 mm	in 1921
Highest daily rainfall	71.6 mm	on 20th September 1980
Sunniest year	2003	with 1906 hours
Dullest year	1958	with 1274 hours
Most days with snow falling	40	in 1917
Most days with snow lying	53	in 1963

Top ten since 1882

Warmest			Coldest		Wettest		Driest		Sunniest		Dullest	
Year	Deg C		Year	Deg C	Year	mm	Year	mm	Year	Mean	Year	Mean
1	2006	11.7	1887	8.4	1903	952	1921	337	2003	5.2	1958	3.5
2	2014	11.6	1888	8.5	1951	887	1990	459	1990	5.1	1932	3.7
3	2011	11.5	1892	8.5	2014	883	1902	477	1989	5.1	1968	3.7
4	2002	11.4	1891	8.7	2000	872	1887	487	1911	5.1	1981	3.7
5	1999	11.3	1963	8.7	1960	857	1947	491	1949	5.0	1912	3.8
6	1990	11.3	1885	8.8	2002	853	2005	492	1929	5.0	1931	3.8
7	1989	11.3	1919	8.8	1916	842	1996	508	1921	5.0	1936	3.8
8	2007	11.2	1886	8.9	1974	837	1933	509	1959	4.9	1960	3.8
9	2004	11.2	1917	8.9	1915	815	1898	510	1933	4.9	1966	3.8
10	2003	11.2	1962	8.9	1927	814	1938	511	1995	4.8	1993	3.8

Note1. Decadal means for the past century. The original data prior to 1970 have been updated, resulting in some slight changes in the decadal temperature means from data published in Annual Summaries up to and including 2014.