

# WOKINGHAM METEOROLOGICAL DATA

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

Altitude 45 m ASL.

Emmbrook,

Wokingham,

Berkshire.

Annual

Summary

2025

## Temperature

	°C	°F	Anomaly	Rank in 144 years
Mean maximum	16.8	62.2	( +1.5)	<b>*Equal highest with 2022*</b>
Mean minimum	7.1	44.8	( +0.4)	5th highest
Daily mean	11.9	53.4	( +0.9)	<b>*Equal highest with 2022&amp;2023*</b>
Highest maximum	33.3	91.9		on 11th July
Lowest maximum	1.5	34.7		on 8th January
Highest minimum	19.2	66.6		on 1st July
Lowest minimum	-7.1	19.2		on 11th January
Mean grass minimum	4.0	39.2	(+0.4)	
Lowest grass minimum	-9.5	14.9		on 11th January
Mean 30cm earth temp.	12.6	54.7	(+0.6)	
Highest 30cm	21.8	71.2		on 19th July
Lowest 30cm	3.8	38.8		on 13th January
Mean 100cm earth temp	12.7	54.9	(+0.5)	
Highest 100cm	19.2	66.6		on 21st July
Lowest 100cm	6.3	43.3		on 21st February
Warmest month	July ,		daily mean 20.1°C,	68.2°F
Coollest month	January,		daily mean 3.7°C,	38.7°F

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

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

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	81	110
-10.0 to - 5.1	0	3	15.0 to 19.9	91	29
-5.0 to -0.1	0	45	20.0 to 24.9	80	0
0.0 to 4.9	16	91	25.0 to 29.9	32	0
5.0 to 9.9	52	87	30.0 to 34.9	13	0
			35.0 to 39.9	0	0

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

	Jan	Feb	Mar	Apr	May	Jun	
Air frost	13 (+3)	9 (-1)	12 (+6)	0 (-3)	0 (-1)	0 (0)	
Ground frost	21 (+4)	16 (-1)	19 (+3)	17 (+4)	10 (+5)	0 (0)	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Air frost	0 (0)	0 (0)	0 (0)	0 (-2)	6 (+1)	8 (-2)	48 (+1)
Ground frost	0 (0)	0 (0)	5 (+5)	1 (-6)	8 (-5)	14 (-2)	111 (+5)

Date of:	last spring air frost,	29th March	ground frost,	23rd May
	first autumn air frost,	18th November	ground frost,	22nd September
	Frost free period,	air 233 days, (+41)	ground 121 days, (-3).	
	Annual total of air frost duration:	325.8 hours (-40)		
	Frostiest month	January.	107.4 hours	

[Difference from 1991-2020 average in brackets]

Temperature anomaly in deg C

**Rainfall.**

Total **524.5** mm 20.65 inches ( 79 % ) 15th lowest in 144 years

Number of : Rain days 142 (-20) Wet days 92 (-22) Days => 5mm 39 (-6)

A rain day has at least 0.2 mm

A wet day has at least 1.0 mm

Highest daily fall to 9am: 19.3 mm on 26th January.

Wettest month, January 98.2 mm 149 % of average  
Driest month, March 6.4 mm 15 % of average

Duration of measurable rainfall; 394.7 hours (-124 hr) Longest in a day; 13.9 hours on 14th January  
Highest monthly duration; 67.7 hours in January Lowest ; 8.1 hours in March

Number of dry spells, (5 or more consecutive dry days): 15  
Longest dry spell; 18 days 23rd April to 10th May  
Total number of : Dry days, 223 (+20) Days in dry spells, 132

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

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

(See note 2, page 4)

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

Rate mm/hr	Days	Rate mm/hr	Days
<10	103	50 to 100	8
10 to 25	12	100 to 250	2
25 to 50	18	>250	0
		Missing *	0
Highest rate	145 mm/hr on 7th June		

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

Hours	Days	Hours	Days	Hours	Days
0	190	6.1 to 9.0	13	18.1 to 21.0	0
0.1 to 1.0	77	9.1 to 12.0	3	21.1 to 24.0	0
1.1 to 3.0	48	12.1 to 15.0	1	Missing *	0
3.1 to 6.0	33	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	223	10.0 to 19.9	15
0.2 to 0.9	50	20.0 to 29.9	0
1.0 to 4.9	53	30.0 to 39.9	0
5.0 to 9.9	24	> 39.9	0

**Sunshine.**

(Recorded on an electronic sunshine detector)

Total **1996.0** hours Daily mean **5.47** hours ( 122 % )

Sunniest day 15.7 hours on the 18th June  
Number of days: Nil sun 45 (-8) =>12 hrs 35 (+14)

**Weather.**

Number of days with:

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

**Air Pressure,**

corrected to MSL.

Mean at 0900 GMT **1016.3** mbar (+0.5)  
Absolute highest 1044.6 mbar on 6th February  
Absolute lowest 970.9 mbar on 6th January  
Span 73.7 mbar (+3.7)

[Difference from 1991-2020 average in brackets]

## Wind

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

Month	Mean speed mph	Windiest day Mean mph	Date	Highest gust mph	Date/time (GMT)	Calm 0.5 mph or less hours
January	6.0	13.9	27th	52	27 / 0838	3.0
February	6.1	11.1	23rd	40	21 / 1204	0.9
March	5.2	9.7	28th	28	15 / 1045	n/a
April	5.9	12.6	16th	39	16 / 0400	n/a
May	6.3	12.1	25th	31	25 / 1900	n/a
June	7.1	11.4	23rd	32	23 / 1215	n/a
July	5.6	11.2	15th	35	3 / 1725	n/a
August	6.1	9.0	4th	33	4 / 1245	n/a
September	6.4	15.3	15th	43	20 / 1710	n/a
October	6.0	14.4	4th	44	4 / 1140	n/a
November	6.4	11.7	3rd	32	3 / 1155	n/a
December	7.5	13.8	1st	43	1 / 1845	n/a
Year	6.2	15.3	15th September	52	27th January	n/a

Note: Wind sensor partial failure. Some winds are based on data from Reading University.

**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	79	55	31	6	9	23	68	146	145	84	52	46
February	64	153	35	47	41	30	45	95	65	37	26	34
March	71	120	105	68	44	33	32	47	63	29	55	77
April	16	70	220	177	40	21	36	51	49	28	5	7
May	76	182	124	52	16	9	14	82	96	48	9	36
June	4	4	19	38	40	26	39	153	187	167	31	12
July	59	31	20	25	16	15	25	79	118	140	121	95
August	29	63	81	52	20	26	52	159	85	100	50	27
September	32	65	21	34	54	45	62	195	134	33	22	23
October	30	87	53	25	32	28	76	81	139	122	51	20
November	22	30	16	25	29	47	139	184	82	42	53	51
December	7	57	150	55	32	34	126	187	58	17	10	11
Year	489	917	875	604	373	337	714	1459	1221	847	485	439

## Appendix 1.

**Monthly statistics from the electronic sunshine detector, 2025.**

Month	Total hours	Daily mean hr	Highest daily, hrs/date	Number of days with:			Hours		=>12.0 hrs
				Nil	0.1 to 2.9	3.0 to 5.9	6.0 to 8.9	9.0 to 11.9	
January	70.2	2.26	7.9 on 30th	11	12	3	5	0	0
February	83.0	2.96	9.3 on 17th	9	8	5	4	2	0
March	195.6	6.31	12.4 on 30th	0	9	5	5	10	2
April	255.1	8.50	14.3 on 30th	0	6	4	2	8	10
May	250.8	8.09	15.1 on 16th	1	3	6	8	9	4
June	257.0	8.57	15.7 on 18th	0	3	3	11	6	7
July	220.7	7.12	15.5 on 10th	0	10	5	5	5	6
August	215.6	6.95	14.2 on 10th	0	6	9	4	6	6
September	187.0	6.23	11.0 on 25th	2	8	1	12	7	0
October	81.6	2.63	10.0 on 6th	9	10	7	4	1	0
November	93.0	3.10	8.0 on 21st	3	13	8	6	0	0
December	86.4	2.79	7.4 on 30th	10	8	7	6	0	0
Year	1996.0	5.47	15.7	45	96	63	72	54	35

## Appendix 2.

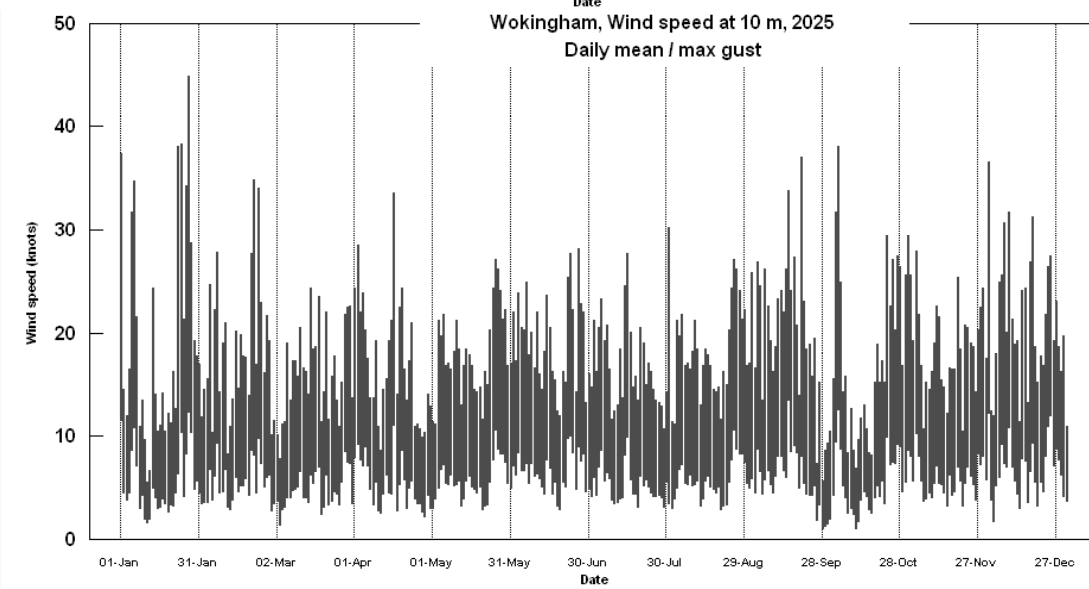
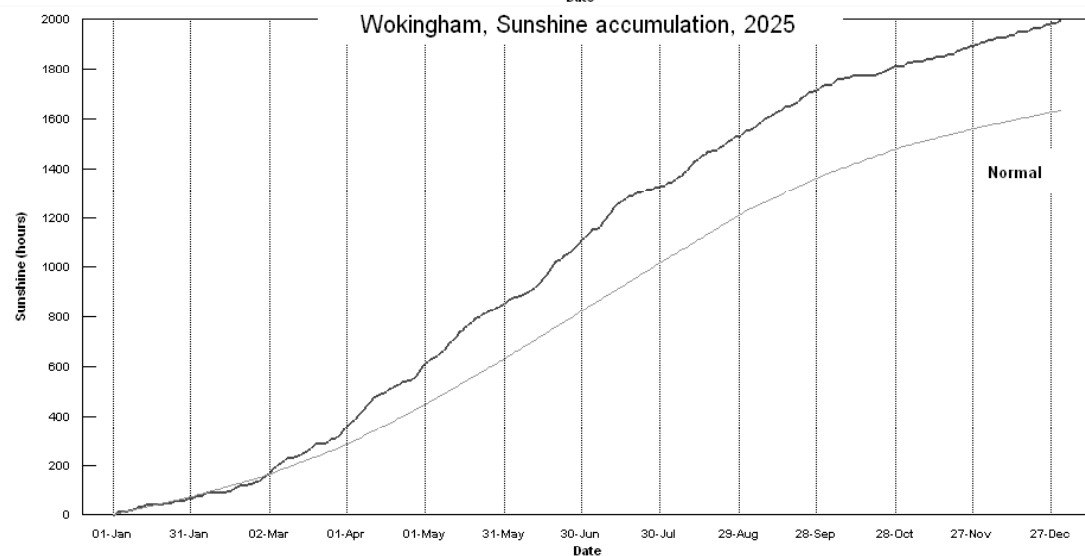
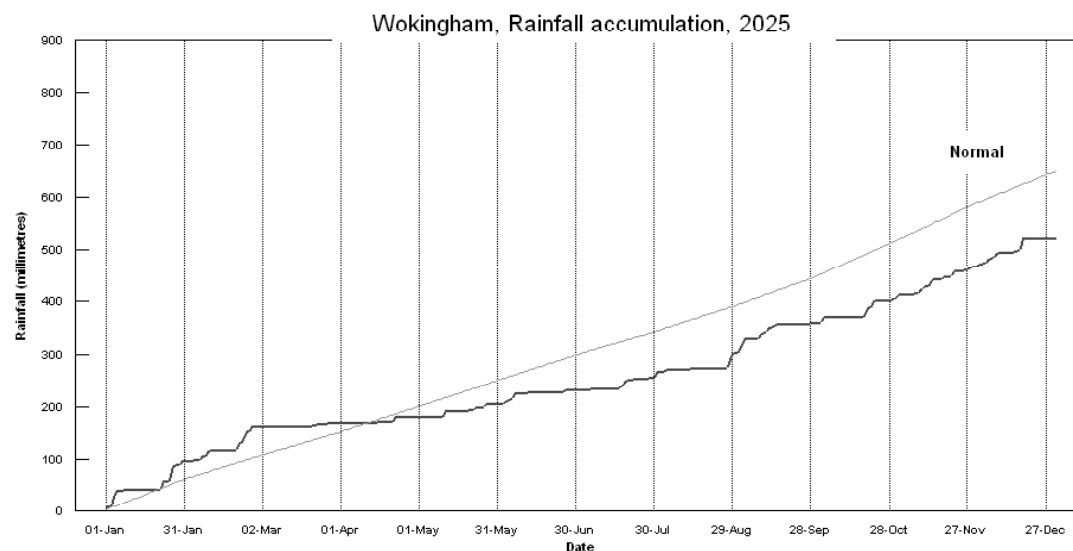
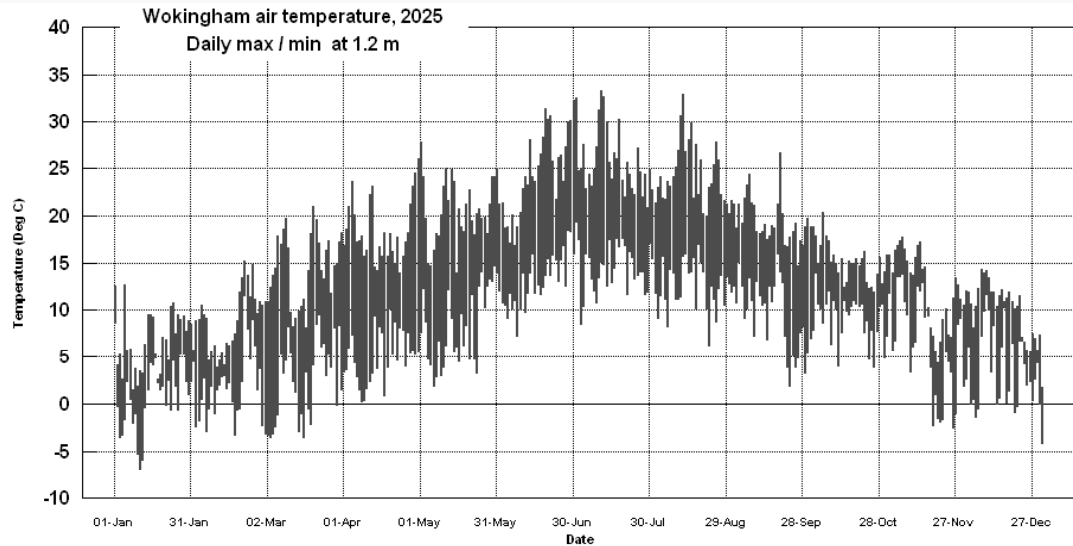
**Monthly categories, quick look table, 2025.**

Month	Temperature Category	Rainfall Category	Sunshine Category	Index	(see note 1)
January	3 Normal	1 Very wet	4 Sunny	8	
February	3 Normal	2 Wet	3 Normal	8	
March	4 Mild	5 Very dry	5 Very sunny	14	
April	5 Very mild	5 Very dry	5 Very sunny	15	
May	5 Very warm	4 Dry	4 Sunny	13	
June	5 Very warm	4 Dry	5 Very sunny	14	
July	5 Very warm	3 Normal	4 Sunny	12	
August	4 Warm	4 Dry	4 Sunny	12	
September	3 Normal	3 Normal	5 Very sunny	11	
October	4 Mild	3 Normal	1 Very dull	8	
November	5 Very mild	3 Normal	5 Very sunny	13	
December	3 Normal	3 Normal	5 Very sunny	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.

Appendix 3	<b>Annual Summary 2025</b>	page5
	<b>Summary of notable features during 2025</b>	
<b>January</b>	Cool and very wet with average sunshine. Coldest January since 2017, and only 2009 and 2010 have been colder in this millennium. Wettest since 2014, and before that 1995, and 11th wettest January in 144 years. Snow fell on 4th giving a temporary 1 cm covering. The month's lowest pressure in lowest for January since 2009 and before that, 1990.	
<b>February</b>	Near average temperature and sunshine, above average rainfall. The highest min is 4th highest in 113 years. The month's highest pressure is 2nd highest for February in the past 50 years.	
<b>March</b>	Record sunshine and very dry with above average mean temperature, The mean maximum was 2.8° above average and 3rd highest in 144 years, but the mean minimum was 1.0° below average and ranks 71st highest. The resulting daily mean temperature range of 12.2° is a new high record for March. 6 more days with air frost than average, and the duration of air frost is more than double the average. Rainfall only 15% of average making it the driest March since 1961 and 7th driest in 144 years. This was the sunniest March in this millennium with 156% of average. Mean wind speed lowest for any March in the past 38 years.	
<b>April</b>	Very warm, very dry, very sunny. Daily mean temperature 3rd highest in 144 years. Mean daily temperature range 2nd highest for April in past 50 years. Highest max 5th highest in 122 years and lowest max is highest in 113 years. Rainfall only 28% of average and there were 5 more dry days than average. Outstandingly sunny with 150% of average but only the 2nd sunniest April in this millennium.	
<b>May</b>	Very warm with sunshine above, and rainfall below, average. Daily mean temperature 4th highest in 144 years and mean maximum 2nd highest in that period. Both the lowest max and highest min are 8th highest in 113 years. This is the third consecutive dry month. The period 23rd April to 19th May saw only one rain day. The 3rd consecutive month to have well above average sunshine.	
<b>June</b>	Record high mean temperature, with rainfall well below, and sunshine well above, average. Both the daily mean temperature and mean minimum are new record highs, while the mean maximum ranks 2nd highest in 144 years. The highest max is 5th highest in 122 years while the lowest max is 7th highest in 113 years. The highest min is 3rd highest in 113 years while the lowest min is 7th highest in 122 years. The mean grass min is highest for any June in the past 46 years. There were two heatwaves, 18th to 21st and 28th to 30th with maximum temperature over 10° above normal. 4th consecutive dry month this year. 20 days of the 23 day period to the 30th were dry. 4th consecutive month to have well above average sunshine and the 2nd sunniest June in this millennium. Noctilucent cloud seen on 23rd and 29th.	
<b>July</b>	Very warm and sunny with below average rainfall. Mean daily temperature 4th highest, and mean minimum 3rd highest, in 144 years. The lowest max is 4th highest, and the highest min is 3rd highest, in 113 years. Earth temperature is about 1.5° above average. Continuing very sunny until the final 10 days which had only 54% of average.	
<b>August</b>	Drier than average and sunny with mean temperature above average. The lowest max ranks 4th highest in 113 years. Most of the month was very dry with 22 dry days up to the 26th.	
<b>September</b>	Very sunny with temperature below, and rainfall above, average. The first month since February with temperature below average and rainfall above average. The first 10 days had over twice the 10 day average rainfall.	
<b>October</b>	Very dull with mean temperature above, and rainfall below, average. Mean daily temperature range equal lowest for October since 1976. The lowest min is 5th highest in 122 years. Dullest October since 1982.	
<b>November</b>	Very mild and very sunny with rainfall below average. Mean temperature 7th highest in 144 years. Highest min 4th highest in 113 years. Rainfall total 80% of average yet there were 5 fewer dry days than average. Snow, with notably large flakes, fell on the 19th.	
<b>December</b>	Mild and sunny with rainfall below average. Most of the rain fell before the 20th, the final 11 days having only 6% of the average.	
<b>Year</b>	<p><b>Dry with Near Record High Temperature and Record High Sunshine</b></p> <p><b>Temperature:</b> Both the mean maximum and daily mean are equal to the highest on record, in the case of the maximum, with 2022, for the daily mean, with both 2022 and 2023. Only the mean minimum failed to produce a record value, ranking only 5th highest in 144 years, but the mean of 7.1° is only 0.5° below the record held jointly by 2024 and 2006. It is notable that the 10 warmest years in the 144 year record have all occurred in this millennium. The hottest day was the 11th July, maximum 33.3°, 2.6° above the 122 year median, and the lowest max was 1.5° on the 8th January, 1.8° above its median. The mildest night was the 1st July, min 19.2°, 1.9° above the median and 8th highest in 113 years, while the coldest night was the 11th January, -7.1°, 0.5° above its median. The mean daily temperature range of 9.7° is 1.2° above average and 2nd highest in the past 50 years. The mean grass min is 0.4° above average but is lowest since 2019. The lowest grass min was -9.5° on 11th January. Mean earth temperature at 30cm and 1m depth were about 0.5° above average. The duration of air frost is 89% of average but the number of days with air frost is about average. The air frost free period this year was 41 days more than average. <b>Rainfall:</b> This has been a dry year overall, and had the total been only 1.8 mm less, the year would have been in the very dry category. In this millennium, only 2005 was drier than 2025. This year was characterised by a dry spring and summer, with March, April, May, June and August all dry or very dry months. January and February were the only wet months this year. There were 20 more dry days than average, the most since 2003, which had 6 more than this year. Rainfall duration was only 76% of average, and lowest since 2005. There were 10 days when the rainfall rate was &gt;50 mm/hr (the violent category), and the highest rate of 145 mm/hr was on the 7th June. Thunder was heard on only 6 days, 8 fewer than average, and equal lowest with 2015 since before 1976. There was no instance of large hail this year, but there was an about average 8 days with small hail or ice/snow pellets. Estimated soil moisture deficit peaked at 351 mm on 23rd August, the highest since 1995. Shallow rooted plants without irrigation suffered severe stress between mid-May and the end of August. At the end of the year soil moisture was still 200 mm below field capacity, and unless we have a very wet winter and early spring, a good part of this deficit will be present in the next growing season. <b>Sunshine:</b> The total this year can only be described as remarkable, only 4 hours short of 2000 hours. The total of 1996 hours is 56 hours more than the previous sunniest year, 2020. In this millennium only 5 years have had a total &gt;1900 hours. This year nearly all months were in the sunny or very sunny category, with the exception of a normal February and a very dull October. Particularly stunning was the size of the percentage of average sunshine for the months of March to June incl., 156%, 151%, 129% and 132% resp. June was the sunniest month, mean 8.57 hours, but April's remarkable 8.50 hr was 2nd sunniest. January was the least sunny, mean 2.26 hours, and October's 2.63 hours was 2nd dullest, with November sunnier than October. <b>Wind:</b> The overall mean speed of 6.2 mph is 0.5 mph below average and lowest since 2010. The year's highest gust of 52 mph is 7 mph below average. The windiest day was the 15th September, mean 15.3 mph. Daily mean direction/number of days, N,34 NE,52 E,36 SE,22 S,51 SW,100 W,47 NW,23. Compared with average, winds from NE and E combined were 5.6% more frequent, and those from S and SW combined were 5.7% less frequent. <b>Humidity:</b> The overall mean relative humidity was 77.5% and the lowest was 21% on the 10th May. The mean water vapour content per kg of air was 6.9g at 09 GMT, and 6.7g at 15 GMT, both close to average.</p> <p style="text-align: right;">B.J.Burton. F.R.Met.S. 7th January 2026</p>	



## Appendix 4.

**Summary of observations at 0900 GMT**

Monthly means									Visibility statistics							
Month	Vis	Cld	TT	Td	RH	WS	WG	pp	TF	FO	VP	PO	MO	GO	EX	
January	14.8	76	2.9	2.0	94	4.7	12	1013.4	0	0	7	10	8	4	2	
February	14.5	81	4.7	3.1	89	5.8	12	1021.9	0	0	5	13	6	1	3	
March	18.5	65	7.2	3.9	80	5.2	9	1018.1	1	1	3	9	7	6	4	
April	20.1	56	12.1	6.2	68	6.5	12	1018.1	0	0	0	6	13	9	2	
May	35.1	58	15.2	8.4	65	6.6	13	1018.8	0	0	0	1	8	13	9	
June	41.4	70	19.2	11.1	65	7.3	14	1016.9	0	0	1	1	2	10	16	
July	44.8	65	20.6	13.2	64	5.4	11	1015.8	0	0	1	2	4	5	19	
August	37.9	63	18.8	12.9	69	6.3	12	1017.0	0	0	0	1	6	12	12	
September	35.1	58	15.0	11.6	81	6.2	13	1015.1	0	0	0	6	3	9	12	
October	25.7	73	12.1	9.6	85	5.2	11	1015.2	0	0	1	5	10	9	6	
November	24.4	70	8.8	7.3	90	5.3	11	1010.1	1	0	3	6	6	7	7	
December	15.7	69	6.2	4.6	90	5.8	12	1015.3	2	0	2	8	11	7	1	
Year	27.4	67	11.9	7.9	78	5.9	12	1016.3	4	1	23	68	84	92	93	

**Summary of observations at 1500 GMT**

Monthly means									Visibility statistics							
Month	Vis	Cld	TT	Td	RH	WS	WG	pp	TF	FO	VP	PO	MO	GO	EX	
January	22.7	77	5.7	2.7	82	6.3	14	1013.1	0	0	2	11	8	5	5	
February	20.1	78	7.9	3.2	74	6.6	15	1020.8	0	0	2	9	7	8	2	
March	32.4	58	13.4	3.1	51	7.7	14	1016.3	0	0	1	5	4	14	7	
April	38.3	54	17.3	5.0	46	7.8	15	1016.3	0	0	0	1	6	11	12	
May	44.7	63	19.5	7.3	47	7.9	16	1017.4	0	0	0	0	2	15	14	
June	48.0	56	23.5	11.6	49	8.5	17	1015.9	0	0	0	2	1	7	20	
July	45.1	66	24.6	11.8	47	7.3	15	1014.7	0	0	0	1	6	7	17	
August	40.8	67	22.9	12.2	64	7.5	17	1015.5	0	0	0	4	3	10	14	
September	44.0	67	18.3	10.6	63	7.7	18	1014.0	0	0	0	5	5	4	16	
October	37.9	82	14.3	9.1	72	7.3	15	1014.1	0	0	0	3	7	6	15	
November	37.9	74	11.0	6.9	77	6.5	15	1010.0	0	0	0	5	4	7	14	
December	26.3	73	8.9	5.7	81	8.1	17	1014.1	0	0	0	5	9	13	4	
Year	36.6	69	15.7	7.5	62	7.4	16	1015.1	0	0	5	51	62	107	140	

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 2025**

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	Fg	ddd	ff	sp	hrs				
January	6.8	0.7	3.7	-1.4	98.2	-1.9	5.9	7.7	70.2	107.4	1013.4	13	21	3	0	0	3	0	231	2.7	5.2	67.7	
February	8.8	1.8	5.3	-0.1	64.2	-1.0	5.9	6.8	83.0	61.9	1021.9	9	16	0	0	0	2	0	120	0.1	5.3	55.3	
March	14.4	2.2	8.3	+0.9	6.4	-1.5	7.4	7.6	195.6	82.0	1018.1	12	19	0	0	0	2	2	31	1.0	4.5	8.1	
April	18.4	4.9	11.6	+1.9	13.5	0.6	11.0	10.2	255.1	0.0	1018.1	0	17	0	0	0	0	0	81	2.6	5.1	13.0	
May	20.6	8.0	14.3	+1.4	24.0	3.9	14.5	13.1	250.8	0.0	1018.8	0	10	0	0	1	0	0	360	0.8	5.5	16.3	
June	24.5	12.9	18.7	+2.9	26.2	9.8	18.0	15.9	257.0	0.0	1016.9	0	0	0	0	0	0	0	229	4.4	6.2	17.7	
July	25.8	14.3	20.1	+2.2	35.9	11.1	20.4	18.7	220.7	0.0	1015.8	0	0	0	0	2	0	0	268	2.8	4.9	21.1	
August	24.3	12.3	18.3	+0.6	35.0	9.0	19.2	18.4	215.6	0.0	1017.0	0	0	0	0	1	0	0	230	1.5	5.3	15.4	
September	19.5	9.4	14.4	-0.5	56.4	6.3	16.2	16.8	187.0	0.0	1015.1	0	5	0	0	2	0	0	212	3.1	5.6	27.7	
October	15.2	8.9	12.0	+0.5	49.9	6.3	13.5	14.5	81.6	0.0	1015.2	0	1	0	0	0	0	0	240	2.6	5.2	51.9	
November	12.4	6.1	9.2	+1.4	59.6	3.7	10.8	12.3	93.0	37.2	1010.1	6	8	1	0	0	0	1	214	2.9	5.6	49.7	
December	10.1	3.3	6.7	+1.3	55.2	1.4	8.2	9.7	86.4	37.3	1015.3	8	14	0	0	0	1	2	156	2.0	6.5	50.8	
Year	16.8	7.1	11.9	+0.9	524.5	4.0	12.6	12.7	1996.0	325.8	1016.3	48	111	4	0	6	0	8	5	223	1.3	5.4	395.4

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			
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	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	1017.4	38	107	12	2	6	3	8	4	230	3.2	6.3
2016	15.4	6.6	11.0	+0.3	33.0	-6.4	688	3.2	12.4	12.6	1552	351	1016.2	52	127	4	0	14	5	12	13	231	2.2	5.6
2017	15.6	7.1	11.4	+0.7	33.4	-6.7	642	3.9	12.5	12.5	1587	331	1016.9	45	108	13	1	9	1	6	6	232	3.1	5.8
2018	16.3	6.9	11.6	+0.9	34.1	-8.3	606	3.5	12.5	12.5	1916	322	1015.4	40	106	15	6	9	0	10	2	225	1.6	5.8
2019	15.9	6.6	11.2	+0.5	36.8	-6.5	783	3.3	12.2	12.3	1792	248	1014.6	43	128	6	4	10	2	11	7	226	2.6	5.6
2020	16.4	7.1	11.8	+1.1	36.9	-3.7	723	4.3	12.6	12.5	1940	192	1015.0	37	95	4	0	9	1	8	11	226	2.8	6.3
2021	15.3	6.7	11.0	0.0	31.3	-5.1	666	4.1	12.3	12.3	1504	393	1016.7	58	107	17	5	8	0	15	9	233	1.8	5.6
2022	16.8	7.0	11.9	+0.9	38.8	-8.6	595	4.1	12.7	12.8	1913	389	1017.2	41	96	6	3	10	0	7	9	223	2.3	5.5
2023	16.4	7.4	11.9	+0.9	32.0	-6.4	830	4.7	12.8	12.8	1693	367	1014.4	38	75	2	1	11	1	4	8	234	2.4	5.7
2024	15.9	7.6	11.7	+0.7	32.1	-7.4	777	5.0	12.9	12.9	1514	199	1014.6	24	67	2	0	12	1	7	5	237	2.5	5.9
2025	16.8	7.1	11.9	+0.9	33.3	-7.1	525	4.0	12.6	12.7	1996	326	1016.3	48	111	4	0	6	0	8	5	223	1.3	5.4

Legend : See appendix 4.

Note: Anom is difference from the current 30 year average, up to 2020, this is 1981 to 2010, after 2020, 1991 to 2020

**Wokingham area decadal annual means for the last century** See note1 below

Decade Ending	Mean max	Mean min	Mean	Anom	Mean rain	Anom	Mean sun	Anom
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	-23
1930	14.2	5.4	9.8	-0.9	636	-15	1599	-12
1940	14.4	5.7	10.0	-0.7	641	-10	1527	-84
1950	14.6	5.8	10.2	-0.5	616	-35	1572	-39
1960	14.1	5.8	10.0	-0.7	678	+27	1500	-111
1970	13.8	5.8	9.8	-0.9	686	+35	1487	-124
1980	14.1	5.8	9.9	-0.8	655	+4	1538	-73
1990	14.4	6.1	10.3	-0.4	639	-12	1554	-57
2000	14.9	6.6	10.8	+0.1	660	+9	1569	-42
2010	15.3	6.7	11.0	+0.3	654	+3	1611	0
2020	15.6	6.7	11.2	+0.5	682	+31	1678	+67

Anom = difference from current 1981 to 2010 climatological average.

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

Sunshine recorder changed in 1999

**Extreme values from the Wokingham climatological series.**

Highest annual mean maximum	<b>16.8 in 2022 &amp; 2025</b>
Lowest annual mean maximum	12.4 in 1888
Highest annual mean minimum	7.6 in 2006 & 2024
Lowest annual mean minimum	3.9 in 1887
Highest annual mean temperature	<b>11.9 in 2022 &amp; 2023 &amp; 2025</b>
Lowest annual mean temperature	8.4 in 1887
Highest recorded temperature	38.8 on 19th Jul 2022
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	<b>2025 with 1996 hours</b>
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	<b>2025</b>	<b>11.9</b>	1892	8.5	1903	952	1921	337	<b>2025</b>	<b>5.5</b>	1958	3.5
2	2023	11.9	1888	8.7	1951	887	1990	459	2020	5.3	1932	3.7
3	2022	11.9	1887	8.7	2014	883	1902	477	2018	5.2	1968	3.7
4	2020	11.8	1891	8.7	2000	872	1887	487	2022	5.2	1981	3.7
5	2024	11.7	1963	8.8	1960	857	1947	491	2003	5.2	1912	3.8
6	2006	11.7	1919	8.9	2002	853	2005	492	1990	5.1	1931	3.8
7	2018	11.6	1962	8.9	1916	842	1996	508	1989	5.1	1936	3.8
8	2014	11.6	1917	9.0	1974	837	1933	509	1911	5.1	1960	3.8
9	2011	11.5	1890	9.0	1915	815	1898	510	1949	5.0	1966	3.8
10	2017	11.4	1922	9.1	1927	814	1938	511	1929	5.0	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.

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