

Wokingham climatological data. Extremes.

Compiled May 2006

Extremes of monthly mean air temperature.

Month	Hi max	Year	Lo max	Year	Hi min	Year	Lo min	Year	Hi mean	Year	Lo mean	Year
1	10.5	1916	0.1	1963	4.7	1921	-5.0	1963	7.5	1921	-2.5	1963
2	11.4	1998	0.9	1947	5.2	1990	-6.0	1895	8.3	1990	-1.9	1895
3	15.6	1938	6.8	1888	6.3	1981	-2.1	1883	9.6	1957	2.5	1883
4	18.6	1893	10.3	1986	6.4	1961	0.7	1917	11.2	1943	5.8	1917
5	20.5	1989	13.6	1885	9.1	1999	4.5	1885	14.4	1992	9.1	1885
6	24.7	1976	16.5	1909	12.1	1976	7.5	1916	18.4	1976	12.0	1916
7	26.9	1983	17.8	1888	14.7	1983	9.6	1892	20.8	1983	14.0	1888
8	26.5	1995	17.1	1912	15.0	1997	8.9	1920	20.0	1997	13.2	1912
9	23.7	1929	15.5	1912	11.9	1988	6.4	1952	17.0	1929	11.1	1912
10	19.3	1921	11.0	1974	10.6	2001	1.1	1919	14.0	2001	6.8	1919
11	13.2	1994	6.3	1919	8.0	1994	-1.0	1923	10.6	1994	3.0	1923
12	10.9	1934	0.7	1890	5.5	1974	-4.4	1890	8.2	1934	-1.9	1890
Annual	16.1	2003	12.4	1888	7.2	2002	3.9	1887	11.4	2002	8.4	1887
First year		1882		1882		1882		1882		1882		1882

Monthly extremes of daily air temperature

Month	Hi max	Year	Lo max	Year	Hi min	Year	Lo min	Year
1	15.0	1998	-6.3	1987	11.3	1957	-15.3	1982
2	17.8	1998	-4.1	1956	12.1	2004	-14.0	1929
3	22.6	1965	-0.5	1942	12.5	1998	-11.2	1947
4	26.6	1949	1.5	1966	12.8	2005	-5.2	1922
5	31.8	1944	7.2	1979	16.1	1944	-3.2	1935
6	34.6	1976	10.9	1953	18.8	2005	0.1	1923
7	34.0	1948	13.4	1917	19.4	1968	3.1	1906
8	36.9	2003	13.4	1954	19.6	1997	2.4	1934
9	33.9	1906	8.4	1918	19.7	1949	-1.9	1919
10	28.6	1921	4.7	1934	16.0	2005	-5.5	1931
11	20.4	1938	-2.0	1923	14.5	1996	-8.3	1904
12	15.7	1985	-2.8	1938	12.7	1985	-14.9	1981
Annual	36.9	2003	-6.3	1987	19.7	1949	-15.3	1982
First year		1904		1913		1913		1904

Month	Extremes of monthly rainfall				Daily total		Extremes of monthly sunshine, daily mean			
	Hi total	Year	Lo total	Year	Hi	Year	Hi mear	Year	Lo mea	Year
1	138.2	1995	10.9	1987	29.3	1939	3.41	2003	0.66	1996
2	134.1	1951	0.0	1891	31.2	1933	4.23	1988	0.80	1947
3	129.5	1947	0.5	1929	36.1	1964	6.10	1938	1.75	1984
4	140.4	2000	1.0	1912	28.5	1991	8.20	1912	2.80	1920
5	124.5	1967	5.1	1919	49.1	1952	10.10	1909	3.70	1932
6	155.1	1971	0.3	1925	52.9	1971	9.90	1975	4.00	1909
7	174.0	1917	4.3	1921	53.0	1917	11.40	1911	3.70	1944
8	140.7	1916	2.7	1995	56.0	1932	9.23	1995	3.60	1912
9	153.2	1918	3.6	1941	71.6	1980	7.50	1911	2.40	1945
10	196.6	1960	3.4	1978	52.3	2000	5.60	1921	1.80	1976
11	172.2	1929	4.8	1945	38.3	1951	3.53	2005	1.10	1932
12	173.4	1914	8.8	1926	45.7	1954	3.11	2001	0.40	1956
Annual	951.6	1903	337.0	1921	71.6	1980	5.22	2003	3.49	1958
First year		1882		1882		1904		1908		1908

Extremes of monthly totals of days with:

Month	Air frost		Ground frost			Snow falling		Snow lying		
	Hi	Year	Hi	Year	Lo	Year	Hi	Year	Hi	Year
1	29	1963	29	1979	5	1921	17	1985	31	1963
2	26	1963	28	1979	3	1926	15	1986	25	1947
3	18	1962	26	1976	3	1950	12	1917	6	1947
4	9	1968	22	1954	1	1961	9	1917	4	1917
5	5	1996	13	v1996			2	v1979	0	
6	0		8	1972			0		0	
7	0		2	1977			0		0	
8	0		4	1921			0		0	
9	1	1959	13	1986			0		0	
10	6	v1997	17	1973			4	1922	0	
11	18	1988	24	1969	3	1939	7	1919	3	1919
12	23	2001	28	1962	7	1934	11	v1969	13	1981
Annual	82	1963	160	1973	68	1939	40	1917	53	1963
First year		1956		1920		1920		1908		1912

Extremes of monthly totals of days with:

Month	Hail		Thunder		Fog	
	Hi	Year	Hi	Year	Hi	Year
1	6	1991	3	1974	11	1964
2	6	v1990	2	v2002	15	1959
3	8	1995	3	v1995	8	1960
4	8	1986	9	1998	3	1979
5	6	1987	11	1969	1	v2000
6	2	v1918	7	1980	1	v1985
7	1	v2001	7	v1959	1	v1984
8	2	v2005	6	v1999	2	v1987
9	3	1974	6	1976	8	1966
10	2	2000	4	1993	8	1962
11	4	1965	3	2002	10	1959
12	5	1969	3	1989	11	1960
Annual	20	1970	26	1983	55	1960
First year		1908		1908		1959

Notes:

These extremes are compiled from the Wokingham Series of climatological data.

The series comprises data from a number of stations in the area, adjusted to give equivalent values to the Wokingham Emmbrook station, set up in 1976.

Sunshine values before 1999 are an area mean of available data from the Campbell Stokes sunshine recorder. After 1999, an electronic sunshine recorder of the R&D type has been in use at the Emmbrook site.

The figures obtained from an electronic device are not strictly comparable with those from the CS recorder.

Temperature values before 1904 are based on data from Oxford Radcliffe and can thus be expected to have a greater error bar than expected from local stations, due to the distance between the locations. A statistical analysis shows that using the Radcliffe data would introduce an error in monthly mean temperatures of less than 0.3 deg on 88 % of occasions, and less than 0.5 deg on 97 %.

A 'v' next to the year indicates that there was more than one year applicable, and the year shown is the most recent.