

RAINFALL AT Woking, The Grange

Lat.

Lon.

County of

Surrey West

Rain Gauge, by

Observer Rev. F. Wilson

6 - Thames Way

Diameter ..	5										
Height ..	0 10			0 8							
Altitude ..	80 ft			78							
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.04	1.39	.83	2.36	2.94	1.10	3.94	.74	1.76	.96	1.906
February ..	4.22	1.79	.95	1.28	3.24	.75	1.95	1.44	1.14	.47	1.723
March ..	1.25	1.97	1.69	2.63	1.44	3.87	1.45	1.06	2.98	3.57	2.191
April ..	1.22	2.09	1.00	2.24	1.27	1.45	.51	3.74	2.80	2.12	1.844
May ..	1.26	.45	2.26	2.85	2.58	.76	1.52	1.77	1.83	1.73	1.701
June ..	2.01	1.88	4.16	6.39	1.00	4.94	2.34	2.37	1.61	3.75	3.045
July ..	1.32	1.53	.94	4.85	1.71	.69	.35	2.82	1.89	2.42	1.802
August ..	2.63	1.74	4.15	3.58	1.22	2.75	1.32	3.74	3.57	2.66	2.736
September ..	.66	1.24	.93	3.58	2.09	2.16	1.66	.80	1.61	2.71	1.744
October ..	1.83	1.83	1.79	6.37	2.24	1.55	4.85	4.29	1.86	4.14	3.075
November ..	1.77	.66	2.10	2.03	1.73	3.21	4.06	2.21	.81	.65	1.923
December ..	2.42	3.45	1.16	2.36	2.61	.80	2.18	3.14	2.61	3.10	2.383
TOTALS ..	23.63	20.02	21.96	40.52	24.07	24.03	26.13	27.62	24.47	28.28	26.03

→ → → → → → →

1900 Woking Parish Church 200 yards SW
30 (1904) E

Wall 10 ft high 15 ft E

Trees 14" ~ 12" S

9" ~ 10" N

1903 Woking Station 1.75 mile NNW

1904 Hedge 8 ft high 3 yards S

RAINFALL at Woking HampshireCounty of SurreyObserver Rev F. WilsonRiver Basin Thames-Wey 6

Rain Gauge, by _____

Diameter ...	5	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.RANS.
Height	8											
Altitude ...	787											
Year ...	1910	1.89	1.31	3.20	2.75	.69	4.59	1.01	1.20	3.34	(440)	16.11
January ...	3.25	1.43	1.93	.92	3.17	4.25	4.10	.89	1.08	(230)	9.95	9.95
February ...												8.37
March	1.19	1.81	3.06	2.90	4.11	1.01	4.82	1.87	.90	(340)	10.99	10.99
April	1.64	1.72	.07	2.46	1.24	1.33	1.11	1.95	3.86	(230)	9.22	9.22
May	2.08	1.11	1.45	1.81	1.16	3.19	1.84	1.59	2.09	(20)	5.72	5.72
June	2.35	1.98	3.54	.60	.82	1.11	1.73	2.33	1.53	(120)	6.79	6.79
July	3.19	1.15	1.91	1.91	2.51	3.83	.97	5.25	5.64	(250)	14.36	14.36
August	2.63	.82	5.15	1.74	2.05	2.00	4.31	4.34	.88	(220)	11.73	11.73
September ..	.64	1.14	2.87	2.50	.87	2.31	1.80	1.76	5.43	(180)	10.79	10.79
October ...	3.55	3.02	2.82	4.15	1.48	2.62	4.31	3.83	1.44	(80)	10.08	10.08
November ..	2.96	3.64	2.14	2.23	3.39	2.21	4.43	.95	2.50	(180)	9.68	9.68
December ...	4.42	6.15	2.96	1.41	7.61	5.14	2.59	1.51	2.06	(460)	10.76	10.76
TOTALS ...	29.79	26.28	31.10	25.38	29.50	33.59	33.02	27.17	30.75	(27.54)	112.44	112.44

1910 Sale top high 10 yds E
Hedge 6. . 3. 5ent. my Woking
Tel open 820. for 1916 80
Sunny

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.18 N	0.32 W	Woking	1.75 mi.	N 5	Woking Parish	200 yds	S 5

RAINFALL at Woking, The Grange

County of Surrey

Rev. F. Wilson Esq.,
for Surrey Advertiser

River Basin Thames Way 6

Miss M. E. Wilson (1927)

Howard Rain Gauge, by

Diameter ...		5						5			
Height		0.8			1.0			1.3			
Altitude ...		75				80		80			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	M.E.M.S.
January ...	(2.60)	2.39	3.00	(1.50)	2.61	2.02	3.21	2.13	3.40	1.88	3.79
February ...	(1.40)	1.47	2.46	(3.80)	1.51	3.79	2.07	4.38	1.82	1.60	1.87
March	1.60	1.22	1.97	(3.20)	1.03	1.47	1.58	3.10	2.24	1.02	1.45
April.....	(3.70)	1.91	3.04	(1.80)	3.40	2.58	3.33	1.88	2.01	1.95	2.02
May	(1.70)	1.47	90	(2.80)	3.56	2.36	1.55	1.17	2.38	1.81	2.79
June	(1.40)	1.13	1.20	(1.60)	3.25	1.04	3.14	3.47	2.46	1.62	1.98
July	(4.80)	1.55	2.99	(1.90)	3.91	3.89	1.91	2.46	2.41	1.80	2.38
August	(1.60)	1.67	3.07	(1.60)	3.51	3.52	1.54	3.64	2.82	2.62	3.06
September...	(2.40)	1.53	1.70	(1.60)	4.12	2.77	.88	4.98	1.42	1.20	3.44
October.....	(1.60)	1.90	1.87	(6.30)	3.90	3.06	2.21	1.70	5.98	3.19	1.26
November...	(1.00)	1.88	1.71	(1.80)	2.54	1.84	4.97	3.36	1.86	5.73	4.71
December...	(2.20)	1.40	3.99	(2.50)	3.36	3.04	1.43	4.47	2.50	5.64	2.23
TOTALS.	(24.00)	NR	13.32	26.90	(24.20)	35.70	29.68	25.82	36.82	31.55	25.06
			D	D	D	D	D	D	D	D	D

1922 Wall 10 ft. 6 in. 30 ft. E.
Hedge 8 ft. 9 ft. S.1925 Hedge 8 ft. high 5 ft. S.
Wall 10 ft. 7 ft. E.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1922	51° 18'	0° 32'	Woking	1 $\frac{3}{4}$ mi	NNW	Woking	200 yds.	SW.

RAINFALL at Woking (The Grange)

County of Surrey

Observer Miss M. E. Wilson

River Basin Thames - Wey b.

Type of Gauge Standard

Annual Average in. based on years obs. un-weighted. Period of average Ref.

Mr. Comish's average should be about 26.8 in. $\frac{in}{in}$

Diameter	5	5												Total	Mean
Height	1	0	1	6	1	3	1	0							
Altitude	78	81		80		81			78	81					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940					
January	1.59	2.01	1.66	1.93	1.26	4.70	5.05	2.91	4.72	2.85	2.868				
February	1.52	3.1	3.32	3.3	2.72	1.63	4.16	.58	1.40	2.02	1.799				
March	1.37	1.55	2.85	2.25	3.4	1.53	4.16	.28	1.49	3.55	1.837				
April	4.47	2.75	.77	2.13	3.22	1.93	2.04	.23	2.99	1.99	2.252				
May	3.07	4.49	4.35	.65	1.49	1.18	2.65	1.65	2.46	1.25	2.324				
June	1.80	1.22	2.59	1.35	3.37	3.76	2.16	.76	1.41	.98	1.940				
July	4.16	2.65	1.99	2.11	.93	3.89	1.15	1.66	2.28	2.49	2.861				
August	3.91	.93	.89	2.19	4.22	1.12	1.31	2.11	2.36	.19	1.923				
September	1.91	2.44	2.47	1.66	3.90	2.78	2.18	2.19	1.05	1.44	2.205				
October	.73	5.06	1.94	1.77	4.11	2.24	3.34	3.09	5.54	3.14	3.096				
November	2.92	1.52	1.13	2.62	5.53	3.29	1.75	4.26	5.00	7.14	3.519				
December	.76	.55	.46	6.30	2.68	3.45	4.40	3.62	1.29	1.61	2.512				
TOTALS	27.21	25.48	24.42	25.29	33.77	31.50	34.35	23.34	31.99	29.07	28636	KM			

1931 Wall 10' length 12' E.

Hedge 8' " 6' S.

Apple tree 12' " 12' N. 1939. Apple tree 12' high 16' N.

1938 Hedge 12' high 6' S. Apple tree 12' high 16' N.

1940 planted with quarry. 19/11/40 - Gauge moved 50 yds W.
Beach 14' high 49 yds E. Laurel 15' 9 yds N.
Wall 8' high 5 yds W. 2-storey house 20 yds S.Position of Station on reduced Ordnance Survey Map. } No. of Map..... Reference No.....
1 mile to 1 inch Series

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Direction	Parish Church	Distance from gauge	Direction
1931			Woking	1 1/2 m.	N.W.	Old Woking	1/4 m.	S.W.
1938			"	1 3/4 m.	"	"	"	"

Station No. 217

41

RAINFALL at Woking (The Grange)

County of... Surrey

Observer Miss M. E. Wilson

River Basin Thames Valley

Type of Gauge Howard

Annual Average ... in. based on ... years obs. un-weighted. Period of average ... Ref.

Mr Barnard considers average should be about 24.8 in. ^{24.8} File No. 489334/36

Diameter	5"		282	866								-
Height	1' 0"				1							
Altitude	81'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.66	3.12	6.59	1.84	1.77	2.02	2.01	4.61	.97	.84		26.43
February	2.55	77	1.72	.71	1.68	2.58	1.27	1.16	1.19	4.35		17.98
March	3.46	1.73	4.42	.20	.88	1.33	4.99	.86	1.09	1.12		16.08
April	1.37	1.50	1.49	1.09	1.22	1.75	1.79	1.87	2.83	3.14		18.05
May	2.32	3.38	2.90	.71	1.61	3.25	1.59	1.99	2.27	1.56		21.58
June	2.35	.55	1.49	2.13	2.26	2.46	2.79	3.33	.77	1.07		19.20
July	4.57	1.97	2.09	1.99	5.22	1.73	2.34	1.26	1.71	4.32		27.20
August	6.01	2.82	1.96	1.71	1.51	4.61	.51	3.10	1.05	3.25		26.53
September	.40	1.20	1.93	2.03	2.34	3.25	1.03	1.34	.84	3.01		17.37
October	1.52	4.01	2.72	3.67	3.27	0.99	.26	2.15	6.55	.41		25.55
November	3.41	2.13	1.34	3.76	.40	4.72	1.11	1.90	2.60	5.53		26.90
December	1.88	3.50	1.57	2.18	3.84	2.80	3.12	3.50	1.87	1.93		25.89
TOTALS	32.50	26.68	26.22	22.02	26.00	31.49	22.81	27.07	23.44	30.53		268.76

1941 Beach tree 40' high 19yds E Laurel 15' 9yds N. Wall 8' high 5yds W fence 2 doors 20yds S.

1943 ^{up to} big

1949 New funnel in use Oct 23rd

Position of Station on reduced Ordnance Survey Map, No. of Map ... Reference No. ...
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1941			Woking	1 1/4 miles	NW	Old Woking	1/4 mile SW

Station No. 217

51

RAINFALL at WOKING (THE GRANGE)

County of SURREY Observer Miss M. E. WILSON

River Basin THAMES - WYE - 6

Type of Gauge HOWARD

Annual Average ... in. based on ... years obs. un-weighted. Period of average ... Ref.

Mr. Cornish considers average to be about 26.8 in. [May 1949]

Annual Average 27.81 in. based on 7 years obs. 1950-56. Period of obs. 1916-1950, File No. K89334/36 Ref. S.

Diameter	5"		282	246							
Height	1' 0"				1						
Altitude	81'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.45	2.27	.95	1.30	2.19	3.93	1.59	2.29	2.39	2.32	22.68
February	6.50	1.74	1.28	2.71	1.74	.43	3.39	1.28	.11	2.23	20.91
March	3.95	2.72	.51	2.53	1.17	.79	1.60	1.43	3.19	1.51	19.40
April	2.85	1.76	2.47	.40	.25	1.14	.30	1.33	2.48	0.73	13.71
May	2.68	2.34	2.02	2.74	3.75	.27	1.59	1.40	.84	1.68	19.81
June	1.05	1.75	1.41	4.00	2.54	2.08	.94	3.55	.80	2.30	20.42
July	1.52	1.66	3.23	2.94	.24	3.70	3.19	1.88	2.14	2.69	22.19
August	3.27	2.76	1.64	2.22	1.22	3.53	2.17	3.81	1.77	4.88	27.27
September	2.14	3.46	2.08	2.50	1.40	2.81	2.90	3.93	.05	2.52	23.79
October	.59	3.36	3.20	2.35	3.11	1.98	1.64	2.50	2.63	6.60	27.96
November	6.76	2.98	1.39	4.98	1.53	.72	2.81	2.22	3.15	4.64	31.18
December	2.44	2.54	.73	2.89	2.49	3.52	2.19	2.90	5.18	2.90	27.78
TOTALS	37.20	27.34	20.91	31.56	21.63	24.90	24.31	29.52	24.73	35.00	27710
	D	D	D	D	D	D	D	D	D	D	D

1951 Wall 8', 5' 4" W; Beech Tree 40', 19' 4" E; Larch Tree 15', 9' 4" N;
House 2 stories, 20' 4" S:

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TQ(5)0225.70

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1952			Woking	446 m 1/2 mi.	N.W. NW Old Woking	1/4 m S.W.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓ NR 19	✓ NR 20, 23	✓	✓ 19113	
		✓	✓ but d'24	✓	✓	