

# 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	1.53	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	2.32	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	26.073

1900 Woking Parish Church 200 yards SW

Wall 10 ft high 15 ft E

Tree 14 " " 12 " S

" 9 " " 10 " N

1903 Woking Station 175 Mals N.N.W

1904 Hedge 8 ft high 3 yards S

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

Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....	8											
Altitude ...	78 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	1.89	1.31	3.20	2.75	.69	4.59	1.01	1.20	3.34	(4.40)		16.19
February ...	3.25	1.43	1.93	.92	3.17	4.25	4.10	.89	1.08	(2.30)		7.95
March .....	1.19	1.81	3.06	2.90	4.11	1.01	4.82	1.87	.90	(3.40)		837
April .....	1.64	1.72	.07	2.46	1.24	1.33	1.11	1.95	3.88	(2.30)		10.99
May .....	2.08	1.11	1.45	1.81	1.16	3.19	1.84	1.89	2.09	(.20)		9.22
June .....	2.35	1.98	3.54	.60	.82	1.11	1.73	2.33	1.53	(1.20)		5.72
July .....	3.19	1.15	1.91	1.91	2.51	3.83	.97	5.25	5.64	(2.50)		6.79
August .....	2.63	.82	5.15	1.74	2.05	2.00	4.31	4.34	.88	(2.20)		14.36
September ..	.64	1.14	2.87	2.50	.87	2.31	1.80	1.76	5.43	(1.80)		11.73
October ...	3.55	3.02	2.82	4.15	1.48	2.62	4.31	3.83	1.44	(.80)		10.79
November ..	2.96	3.64	2.14	2.23	3.39	2.21	4.43	.95	2.50	(1.80)		10.08
December ...	4.42	6.15	2.96	1.41	7.61	5.14	2.59	1.51	2.06	(4.60)		9.68
TOTALS ...	29.79	26.28	31.10	25.38	29.56	33.59	33.02	27.17	30.75	(27.50)		10.76
	2	2	2	2	2	2	2	2	2	2		178.44

1910 Sall 10 ft high 10 yds E  
Hedge 8. 3. S

W. my Woking  
The green 220. 4. 1916 50  
Sunny

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.18 N	0.32 W	Woking	1.75 mls	N 5	Woking Parish	200 yds	S 65



RAINFALL at Woking, The GrangeCounty of SurreyObserver Rev. J. Wilson Esq. per Surrey AdvertiserRiver Basin Thames - Key 6Mrs. M. E. Wilson (1927)Howard Rain Gauge, by

Diameter ...			5					5					
Height .....			0.8			1.0		1.3					
Altitude ...			78				80	80					
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.		
January ...	(2.60)	2.39	3.00	(1.50)	2.61	2.02	3.21	2.13	3.40	1.88	3.79	28.03	Total
February ...	(1.40)	.47	2.46	(3.30)	.51	3.79	2.07	4.38	1.82	.60	.87	21.17	
March .....	1.60	1.22	1.97	(3.20)	1.03	.47	.58	3.10	2.24	.02	1.45	17.18	
April .....	(3.70)	.91	3.04	(1.80)	3.40	2.58	3.33	1.88	2.31	.95	2.02	25.92	
May .....	(1.70)	1.47	.90	(2.80)	3.36	2.36	1.55	1.17	2.38	1.81	2.79	21.49	
June .....	(1.40)	.13	1.20	(1.40)	3.25	.04	3.14	3.47	2.46	1.62	.98	18.09	
July .....	(4.80)	.55	2.99	(1.90)	3.91	3.89	1.91	2.46	2.41	1.80	2.38	28.50	
August .....	(1.60)	.67	3.07	(1.60)	3.51	3.52	1.54	3.64	2.82	2.62	3.06	27.67	
September...	(2.40)	1.33	1.70	(1.60)	4.12	2.77	.88	4.98	1.42	.20	3.44	24.84	
October .....	(1.60)	.90	.87	(6.30)	3.90	3.06	2.21	1.70	5.93	3.19	1.26	30.92	
November...	(1.00)	1.88	1.71	(1.80)	2.54	1.84	4.97	3.36	1.86	5.73	4.71	31.40	
December...	(2.20)	1.40	3.99	(2.50)	3.36	3.04	.43	4.47	2.50	5.64	2.23	31.82	
TOTALS...	(24.80) NR	13.32	26.90	(29.20)	35.70	29.68	25.82	36.82	31.55	25.06	28.98	307.03	

1922. Wale 10 ft. high 30 ft. E  
Hedge 8 ft. high 7 ft. S.

1925 Hedge 8 ft. high 5 ft. S.  
Wale 10 ft. high 12 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1922	51° 18'	0° 32'	Woking	1 3/4 mi	NNW	Woking	200 yds.	SW.

RAINFALL at Woking (The Grange)County of SurreyObserver Miss M. E. WilsonRiver Basin Thames - Wey '6Type of Gauge Howard

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

The British records average should be about 24.8 in. 1940

Diameter .....	5	5										
Height .....	1	0	1.6		1.3	1	0					
Altitude .....	73	81		80		81			78	81		
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January .....	1.59	2.01	1.66	1.93	1.26	4.70	5.05	2.91	4.72	2.85	2868	
February .....	1.52	.31	3.32	.33	2.72	1.63	4.16	.58	1.40	2.02	1799	
March .....	.37	1.55	2.85	2.25	.34	1.53	4.16	.28	1.49	3.55	1837	
April .....	4.47	2.75	.77	2.13	3.22	1.93	2.04	.23	2.99	1.99	2252	
May .....	3.07	4.49	4.35	.65	1.49	1.18	2.65	1.65	2.46	1.25	2324	
June .....	1.80	1.22	2.59	1.35	3.37	3.76	2.16	.76	1.41	.98	1940	
July .....	4.16	2.65	1.99	2.11	.93	3.89	1.15	1.66	2.26	2.79	2361	
August .....	3.91	.93	.89	2.19	4.22	1.12	1.31	2.11	2.36	.19	1923	
September .....	1.91	2.44	2.47	1.66	3.90	2.78	2.18	2.19	1.05	1.47	2205	
October .....	.73	5.06	1.94	1.77	4.11	2.24	3.34	3.09	5.54	3.14	3096	
November .....	2.92	1.52	1.13	2.62	5.53	3.29	1.75	4.26	5.00	7.17	3519	
December .....	.76	.55	.46	6.30	2.68	3.45	4.40	3.62	1.29	1.61	2512	
TOTALS .....	27.21	25.48	24.42	25.29	33.77	31.50	34.35	23.34	31.99	29.01	28636	WM

1931. wall 10' high, 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 Guery.

19/11/40

Grange moved 50 yds W.

Beach 14' high 19 yds E. (land 15' 9 yds N.)

Wall 8' high 5 yds W. 2 stone house 20 yds S.

Position of Station on reduced Ordnance Survey Map, }  
1 mile to 1 inch Series

No. of Map.....

Reference No.....

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

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 217

RAINFALL at Working (The Grange)

41

County of SurreyObserver Miss M E WilsonRiver Basin Thames ValleyType of Gauge HowardAnnual Average ..... in. based on ..... years obs. un-weighted. Period of average ..... Ref. ....  
Mr. Scrimsh considers average should be about 24.8 in. 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	Totals
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	.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	1.07	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	1.57	1.93		25.89
TOTALS	32.50	26.68	21.22	22.02	26.00	31.49	22.81	27.07	23.44	30.53		268.76

1941 Bench tree 40' high 1940 E. Laurel 15' 9" do N. Wall 8' high 5' do W. House 20' do W. 20' do S.  
 1943 imp. big  
 1949 New funnel in use Oct 23rd

Position of Station on reduced Ordnance Survey Map,  
1 mile to 1 inch Series

No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge.	Direction from gauge.	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Working	1 3/4 miles	NW	Old Working	1/4 mile	SW

BRITISH RAINFALL ORGANIZATION



Station No. 217

RAINFALL at Woking (THE GRANGE)

51

County of SURREY

Observer Miss M. E. Wilson.

River Basin THAMES - NEX. 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. (1941-1942)

Annual Average 27.81 in. based on 7 years obs. 1950-56. Period of obs. 1916-1950, 26 y. 5.

Diameter ...	5"			282	8'66						
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	3.43	1.59	2.29	2.39	2.32	22.68.
February ...	6.50	.74	1.28	2.71	1.74	.43	3.39	1.78	.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	.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	277.10
	D	D	D	D	D	D	D	D	D	D	

1951 Wall 8' 5 yd W; Beach Tree 40', 19 yd E; Laurel Tree 15', 9 yd N;  
House 2 slings, 20 yd S:

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference (Q51) 022570

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1952			Woking	1 1/2 m	NW	Old Woking	1/4 m	SW

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Revised

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ NR 19	✓ NR 20, 23	✓	✓ NR 43	
	✓	✓ but d'24	✓	✓	