

RAINFALL AT

Watford Colne Valley W.R.

Lat. _____

Lon. _____

County of

Herts

Rain Gauge, by _____

Observer

J. Hopkinson Esq.
W. Verini

Diameter

5

Height

1 0

Altitude

220

Year

1890

1891

1892

1893

1894

1895

1896

1897

1898

1899

MEANS.

January

1.55 2.86 2.45 .81 1.95 .79 2.89

February

3.31 1.96 .13 .39 2.45 1.12 2.43

March

.32 1.99 1.65 3.32 3.57 .97 .67

April

.05 1.96 1.69 .54 1.52 1.27 2.54

May

.98 1.77 .13 .30 1.28 2.56 1.70

June

.87 1.98 .59 1.71 3.36 1.50 1.82

July

2.66 2.59 5.48 1.21 .91 .58 1.46

August

1.60 3.50 2.68 2.85 3.38 1.53 .94

September....

1.23 1.21 .80 7.13 2.33 .50 1.91

October.....

6.06 3.68 2.52 2.95 .81 2.59 2.60

November....

2.26 4.23 3.61 1.32 .99 2.25 3.86

December

2.72 1.91 2.05 3.76 2.99 2.52 1.52

TOTALS . . .

23.61 29.64 23.78 26.29 25.54 18.18 24.24

RAINFALL AT *Watford Colne Valley, W.W.*

Lat.

Lon.

County of *Herts*Rain Gauge, by *J. J. Jeffries*Observer *J. Hopkins Esq.**S. James Colne River**W. Verin Esq.*

Diameter ..	5										
Height	10										
Altitude ..	220							200			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.40	.81		2.34	2.97	1.11	4.21	.88	1.43	.63	
February ..	4.48	1.54		.89	2.88	.70	2.19	1.28	1.43	.33	
March ....	.89	1.92		3.41	1.24	3.75	1.15	.90	3.04	3.12	
April	1.19	2.25		1.75	.87	1.99	.39	2.88	2.71	2.03	
May	1.32	.79		2.65	2.23	.75	1.41	1.77	1.44	1.23	
June	2.86	1.07		5.56	.95	3.25	2.43	1.78	1.51	3.17	
July .....	.72	1.38		3.42	2.68	.93	.72	4.04	3.27	3.11	
August	3.46	1.83		3.34	1.82	2.28	1.17	1.67	2.74	1.93	
September..	.83	1.15		2.36	1.14	1.38	1.46	.62	1.82	2.11	
October....	2.44	1.76		7.99	.93	1.29	4.17	4.99	2.41	4.37	
November..	2.37	.36		1.60	1.61	2.95	3.54	2.41	.69	.69	
December..	3.05	3.42		2.35	2.06	.85	2.33	3.36	1.95	2.75	
TOTALS ..	27.01	18.28	<i>North Green</i>	37.69	21.38	21.23	25.17	26.68	24.44	25.47	

1907 Oxhey Church 566 gauge SW
 Bowhey Station 566 SW
 Office 20 ft high 30 SE

RAINFALL at Watford Colindally Water WorksCounty of HertfordshireObserver C. P. Sinclair EsqRiver Basin Thames Colne 2B.A. Rain Gauge, by Jefferson

Diameter ...	5											
Height	1.0											
Altitude ...	200 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.98	1.13	3.85	3.16	.60	3.55	1.38	1.47	2.10	3.64		8.59
February ...	3.21	1.51	1.87	.77	2.77	4.34	3.23	.89	1.09	2.65		7.26
March	1.02	1.53	3.54	2.43	4.88	1.05	4.11	1.34	.76	3.58		9.79
April	1.27	1.50	.05	2.91	.76	1.00	1.23	2.47	4.08	2.98		10.76
May	2.11	2.67	1.41	1.44	1.79	2.33	1.86	1.78	1.95	.43		6.02
June	3.05	2.42	2.83	.43	2.12	1.00	2.38	2.59	.95	1.37		7.29
July	1.95	.45	1.63	1.74	2.02	5.66	1.35	4.43	3.39	1.77		10.94
August	2.50	1.47	4.99	1.81	1.17	2.18	4.50	4.41	1.05	2.36		12.32
September ..	.41	1.24	2.50	1.09	1.07	1.86	1.42	1.43	5.31	1.50		9.66
October ...	2.95	3.27	2.58	3.42	1.80	2.69	3.12	4.30	1.33	.72		9.47
November ...	3.37	3.26	2.05	2.75	2.43	2.32	4.34	1.53	2.18	1.71		9.76
December ...	4.44	5.69	3.11	.97	7.34	5.79	3.20	.80	2.28	4.28		10.56
TOTALS ...	28.26	26.14	30.41	22.92	28.75	33.77	32.12	27.44	26.47	26.99		113.02
	2	2	2	2	2	2	2	2	2	2		302

1910 office 20 ft high 20 ft SE

+ D.S.S. 10.VII.15. Brit. Assoc. g. in good condition. Funnel accurate.
 glass: old, flat-foot (not tested). G. standing loose in section of pipe set
 in concrete bed.



For the type of gauge almost certainly over exposed and liable
 to small readings. Recommended replacing by Smeaton & Co. gauge.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.38 55	0.22 50	Berkley	566 yds	SW	Berkley	566 yds	SW

Watford

907
20

RAINFALL at Bushey Colne Valley Water Works.

County of HertfordshireObserver G. P. Sinclair Esq. &River Basin Thames-Colne 2(See Notes that History Song)

B A

Rain Gauge, by Griffin & Sons.

Diameter ...	5	5											
Height	1	2	1	2									3.2.3
Altitude ...	200	200											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930		Total
January ...	2.25	2.32	2.86	1.25	3.17	1.99	3.10	1.86	4.11	1.43	2.85		27.19
February ...	.39	.23	2.04	3.63	.48	3.04	2.08	3.91	1.86	.70	.71		19.07
March	1.52	1.43	1.65	2.49	.89	.76	.32	2.78	1.91	.01	1.28		15.04
April	3.26	1.04	2.82	1.39	3.76	1.76	3.13	1.69	1.10	1.36	2.08		23.37
May .....	.73	1.11	.84	1.83	3.96	2.28	2.15	1.43	2.05	2.02	2.20		20.60
June	2.12	.24	1.20	.34	2.43	.04	3.25	3.26	3.22	1.22	.83		18.20
July	4.68	.18	3.54	3.29	3.68	3.66	2.57	2.95	2.05	2.75	2.31		31.66
August	1.53	1.55	3.16	2.08	3.29	2.71	1.08	3.80	2.34	.94	3.80		26.28
September...	1.76	2.48	1.70	1.66	2.94	2.82	1.95	5.69	1.41	.71	3.28		26.40
October	1.79	.75	.93	5.44	3.27	2.68	2.80	2.77	4.18	3.65	.97		29.23
November...	1.30	1.84	1.53	1.41	3.02	1.59	5.45	3.08	2.73	6.68	3.75		32.35
December...	2.30	1.12	2.68	2.96	3.73	1.95	.37	2.90	2.65	5.23	2.50		28.39
TOTALS...	23.63	14.29	24.95	27.77	34.67	25.28	28.25	36.09	29.61	26.70	26.56		277.80
	D	D	D	D	D	D	D	D	D	D	D		276

1920 Offices 20 ft high 20 ft S.E.

Gauge inspected D.S. 1915: see last sheet.

1927 OFFICE 20' HIGH 20 ft S.E.

1929. Gauge moved 10 ft Oct. 200' N.W. Height of top above ground 3'

1930. Laboratory and new offices Lab. 14' high 9 yds. N.

new Office 27' high 27 yds. S.W.

G. read 9.30 am in wind.

5.30 - - - - - 10 minutes.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 38' 55"	0° 22' 30"	Bushey, Gxhey	5.66 yds	S.W.	Gxhey	5.66 yds	S.W.
1930				62.6 yds			62.6 yds	

RAINFALL at Watford (Colne Valley W.W.)County of HertfordshireObserver C. P. Sigclair, Esq.River Basin Thames - Colne & Brent - 2F. Kenneth Sinclair, Esq. C.E. (1939)Type of Gauge N.Y.B. Snarodon (1939)Annual Average 25.6 in. based on 29 years obs. ~~un~~-weighted. Period of average 1881 - 1915 Ref. S.
660624/26

Diameter	5.											
Height	3.0.						3' 2"			4 6		
Altitude	200.									204		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	1.48	1.76	1.98	1.51	.76	4.60	4.00	3.51	5.08	2.09	26.7	7
February	1.61	.08	1.83	.31	2.67	1.99	4.40	.50	.89	1.57	18.85	5
March	.15	1.77	2.58	2.15	.45	1.30	3.25	.41	1.73	2.75	16.54	4
April	3.31	2.33	.97	1.82	3.25	1.25	2.95	.21	3.52	2.15	21.76	6
May	2.46	4.38	1.51	.66	1.55	.69	3.36	1.80	1.52	1.96	19.89	9
June	1.26	1.07	1.22	1.35	4.13	3.95	2.95	.50	1.93	.80	19.16	6
July	2.67	2.49	1.25	1.02	.77	4.08	1.13	1.21	2.66	3.06	20.34	4
August	3.85	2.13	.48	2.09	1.64	.36	1.66	1.99	2.28	.01	16.49	9
September	2.45	2.35	2.08	1.80	4.20	2.80	2.35	1.64	.84	.79	21.30	0
October	.67	4.86	1.41	1.39	2.70	1.87	2.76	3.40	4.87	2.90	26.83	3
November	2.75	1.53	1.11	1.68	4.83	3.50	1.18	3.65	5.10	7.42	32.75	5
December	1.08	.60	.51	5.46	2.88	1.92	3.84	3.25	1.44	1.32	22.30	0
TOTALS	23.74	25.35	16.93	21.24	29.83	28.31	33.83	22.07	31.86	26.82	259.98	11

1931. Laboratory 14 ft. high 87 ft. N.

Gaffney 27 " " 27 " S.W.

1940 Gauge moved 57 yds W 20/1/40

1940 Chlorinating House 11' high 63' N.N.E.
Weighbridge House 11' " 52' 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			Gxhey	626 yds.	S.W.	Gxhey	626 yds.	S.W.

(Aldenhurst Road) ¹⁹⁴⁹ Station No. 907

RAINFALL at Watford (Colne Valley Water Company)

41

County of HertfordshireObserver Colne Valley Water CompanyRiver Basin Thames Colne & BrentType of Gauge StandardAnnual Average 25.5 in. based on 29 years obs. un-weighted. Period of average 1881-1915. Ref. 5File No. 660684/25 A202257/42

Diameter	5"			277	604							
Height	4' 6"				1							
Altitude	204'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.33	2.90	4.63	1.40	1.89	2.23	1.94	4.51	1.06	.71		Totals 23.60
February	2.30	.90	1.13	.95	1.91	2.79	1.48	1.24	1.23	4.29		18.12
March	3.07	1.83	.44	.17	.58	1.27	5.77	.72	1.12	.80		15.77
April	2.01	1.19	1.17	1.80	1.19	1.56	1.58	1.21	1.71	2.02		15.44
May	1.91	3.63	2.43	.79	2.67	3.58	1.02	2.56	1.78	1.71		22.08
June	1.75	.46	1.32	1.63	1.81	2.45	2.37	3.42	.42	1.29		16.94
July	4.87	1.91	1.69	1.54	3.62	2.65	2.18	1.19	2.46	4.61		26.77
August	4.49	2.88	1.63	3.01	.96	3.76	.16	2.25	1.90	3.16		24.20
September	.54	.94	2.33	2.53	2.17	3.00	1.26	1.64	.64	2.61		17.66
October	.77	3.89	2.94	3.48	3.08	1.02	.04	2.18	6.04	.35		23.77
November	2.73	1.80	1.34	3.78	.20	5.08	.98	1.97	2.38	4.44		24.67
December	1.99	2.77	1.31	1.41	3.09	2.19	2.48	2.95	1.47	1.38		21.04
TOTALS	28.76	25.02	22.36	22.49	23.77	31.58	21.26	25.84	22.21	27.34		250.03

Chlorinating Hse. 11' high 63' NNE Weighbridge Hse 11' high 52' S.

1949 Diagram of gauge sent (see back of this form) Name of stn changed to Watford (Aldenhurst Rd.).

Monthly averages computed to 1942. Values in file A202257/42 (Circular 8A).

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			Buohay & Oxhey LMS	626 yds	S.S.W. 52°	Oxhey	583 yds	S.S.W.

BRITISH RAINFALL ORGANIZATION

Station No. 907**RAINFALL** at WATFORD (ADDENHAM ROAD)

51

County of HERTFORDSHIREObserver COALKE VALLEY WATER CO.,River Basin TURFIES, COALKE & BRENT - 2Type of Gauge SNOWDONAnnual Average 28.6 in. based on 39 years obs. un-weighted.
26.31 " " 35 " " 1916-1950Period of average 1881-1915 Ref S1916-1950 P
File No. 222257/42

Diameter ...	5"	277	604								
Height ...	4' 6"		1	3' 6"				4' 6"			
Altitude ...	204'		51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means- Total
January ...	3.02	1.70	.81	.76	2.22	3.85	1.44	2.74	2.43	2.10	21.07
February ...	4.35	.57	1.65	2.21	1.57	.15	3.45	2.47	.07	2.21	18.70
March ...	3.43	2.48	.55	2.25	1.10	.91	1.20	1.30	2.24	1.74	17.26
April ...	2.76	1.72	2.54	.31	.50	1.01	.22	1.28	2.48	.68	13.50
May ...	2.09	1.69	1.13	1.95	4.37	.36	1.17	2.71	.61	2.42	18.86
June ...	1.58	1.05	2.36	3.41	2.04	2.18	1.09	3.70	1.55	1.56	20.42
July ...	.97	.59	3.90	2.71	.32	4.04	3.15	2.56	3.73	3.45	25.42
August ...	3.42	4.79	2.16	2.70	1.26	5.55	1.85	2.68	1.55	3.50	29.46
September ...	3.31	3.32	2.03	1.90	1.64	2.70	2.50	4.11	.02	4.14	25.67
October ...	.91	2.71	2.49	2.35	4.05	2.52	1.97	2.25	2.29	5.81	27.35
November ...	4.91	3.21	1.32	4.52	2.14	.50	1.94	2.7	2.23	4.65	27.69
December ...	1.55	2.63	.46	1.65	2.20	3.70	2.13	3.25	4.06	3.16	24.79
TOTALS ...	32.30	26.46	21.60	26.72	23.41	27.53	22.11	31.38	23.2	35.42	270.19
	D	D	D	D	D	D	D	D	D	D	

1951 Weighbridge 14' 52" SSW; Laboratory 13' 96" NE: gauge on hips
 1955 Inspection: Gauge on tripod stand ring 3' 6" above ground,
 1956 Mark in B.R. site unorthodox.
 1958 Weighbridge 10' 52" SSW; Laboratory 27' 138" S.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference TQ(5)120958

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Bushey, Oxley	1600' SW	Oxley	1800' SW.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	