

RAINFALL at New BridgeCounty of MiddlesexObserver Met. Water BoardH. F. Butler C.E.River Basin Thames - Colne & Brent

1

Copperclashet Rain Gauge, by Ellison Bros.

Giam correct.

$$\left. \begin{array}{l} .47 = .45 \\ .31 = .30 \\ .16 = .15 \end{array} \right\} \text{will be replaced}$$

in use about 1 1/2 yrs. Dec. 11-13

$$\left. \begin{array}{l} .05 = .044 \\ .01 = .010 \end{array} \right\} \text{will be replaced}$$

Diameter ...	8											
Height	3.0				1.0							
Altitude ...	375											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Total 1916 1919
January ...	1.84	1.27	3.63	2.73	.53	4.27	1.11	1.22	2.79	3.79		8.91
February ...	3.16	1.48	1.62	.91	2.33	3.09	3.25	.85	1.19	2.41		7.70
March	1.06	1.61	3.03	2.33	3.96	.73	4.08	1.78	.99	3.21		10.06
April .....	.95	1.93	.10	3.06	.77	1.20	1.15	2.13	3.15	2.85		9.28
May	1.67	1.77	1.34	1.97	1.90	3.92	1.70	2.21	1.85	.17		6.93
June	2.95	2.28	3.15	.53	1.85	.53	2.04	3.56	1.01	1.54		8.15
July	2.52	1.06	1.57	2.11	1.62	4.39	1.18	4.89	4.56	2.30		12.63
August	2.87	.69	6.16	1.64	1.55	3.17	5.10	3.61	1.41	2.22		2.34
September ..	.42	1.46	2.32	1.88	.95	1.95	1.58	2.16	5.90	1.49		11.13
October ...	2.44	3.17	2.50	3.56	1.16	2.04	3.57	3.25	1.48	.60		8.90
November ..	2.86	3.61	1.98	2.48	2.97	2.00	4.14	1.31	2.20	1.12		8.77
December ...	3.75	4.64	2.89	1.05	6.52	5.48	2.32	1.22	2.33	4.04		9.91
TOTALS ...	26.50	24.97	30.29	24.25	26.01	32.77	31.22	27.89	28.86	25.74		113.71
	D	D	D	D	D	D	D	D	D	D		222

1910 Shrubs 6 ft high 5 ft W+E
 1912 Sep 28th f moved 100 yards W to more exposed position

Annual Average = 24.1 used in London Survey.

+ Inspected C.S. 2.8.11-13. G. stands in open spot between filler bed (empty 1 week in 7) and Reservoir
 never empty, being 30 ft from res. and 25 ft from filler which when empty has sloping bank
 somewhat marrying exposure which is otherwise good. Was recently moved from among shrubs
 (location)

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			New Bridge L & S Ry	830 yds 400 yds	E E	St James Church	170 yds 300 yds	W W

RAINFALL at New Bridge WaterworksCounty of MiddlesexObserver Met. Water Board H.F. Rutter & Co.River Basin Thames: Colne & Brent - 1

(Western District)

J.W. Wales 1929

Copper Flasher Rain Gauge, by Elliott Bros.
without (22) New Standard recommended.

Measure B.R.O. 4655 Standard X. 26

Diameter ...	8	5			5								
Height	10												
Altitude ...	36												
Year	1920	1921	1922	1923	* 1924	1925	1926	1927	1928	1929	Means 1930		Totals.
January ...	2.34	2.50	2.56	1.33	2.44	1.79	2.46	1.92	3.30	.91	2.58		24.13
February ...	.36	.20	2.22	3.03	.46	3.37	2.49	3.42	1.62	.42	.48		18.07
March	1.22	1.35	1.85	2.20	.81	.42	.15	2.39	1.80	.20	1.17		13.66
April	3.07	1.20	2.77	1.42	3.20	1.74	2.94	1.97	1.25	.98	1.77		22.31
May	3.17	1.23	.91	2.11	3.36	2.19	2.05	1.11	2.00	1.16	2.77		22.06
June	2.01	.23	1.07	.19	2.54	.04	3.08	2.98	2.26	1.06	1.94		17.40
July	4.48	.15	3.65	3.12	3.32	2.25	2.05	3.33	2.24	2.85	2.14		30.58
August	1.58	1.46	2.40	1.66	2.38	2.37	.91	4.05	2.14	2.22	2.32		23.49
September...	2.67	1.85	1.94	1.27	2.59	2.38	1.31	4.47	.93	.24	2.29		21.84
October	1.99	.62	1.07	5.07	3.57	2.91	2.04	1.48	3.72	2.79	1.09		26.35
November...	1.14	1.94	1.38	1.46	2.47	1.46	5.00	2.75	1.89	4.91	3.75		28.15
December...	2.06	1.06	2.91	2.19	3.04	2.45	.35	3.32	2.19	3.97	1.91		25.45
TOTALS...	25.99	13.79	24.73	25.05	30.18	24.37	24.83	33.19	25.34	21.51	24.51		273.47
	D	D	D	D	D	D	D	D	D	D	D		246

Inspected C.S. 28. VI. 22. Level with free from obstruction, drop of
 3 ft. to filter 15 ft. away - very good position.
 Inspected 29. VI. 22. O.K.
 Inspected 25. X. 26. all satisfactory.
 20/1/31 Inspected. new g recommended. See green file

Annual Average = 24.1 used in London Survey.

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
1920			New Bridge	530 yds	E	St Georges	170 yds	W

RAINFALL at Kew Bridge (Waterworks)County of MiddlesexObserver Mt. Water BoardRiver Basin Thames - Colne & Brent - 1.

Type of Gauge

Annual Average 24.1 in. based on 27 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref S

883893/28

Diameter	5.											
Height	1.0.			1' 3"								
Altitude	36.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	1.01	1.66	1.49	1.31	.86	3.90	3.52	2.50	4.53	2.16	2294	
February	1.66	.18	2.86	.25	2.26	1.52	4.15	.36	.70	1.51	1545	
March	.17	1.35	2.18	2.23	.35	.92	2.81	.26	1.05	3.05	1437	
April	3.47	1.96	.71	1.53	2.81	1.32	2.15	.08	2.24	1.53	1780	
May	2.28	3.87	1.67	.51	1.01	.49	2.16	1.37	1.22	1.21	1519	
June	1.41	1.21	2.04	1.27	3.21	3.49	1.87	.32	1.72	.98	1752	
July	2.87	1.80	2.05	1.77	.97	2.76	.78	.79	2.00	2.28	1807	
August	5.22	1.14	.66	1.77	1.97	.34	3.77	3.29	3.32	.05	2153	
September	2.27	2.31	2.57	1.48	2.52	2.93	1.69	2.33	.95	1.31	2026	
October	.62	4.72	1.46	.92	2.36	1.47	2.45	2.43	4.74	3.05	2422	
November	2.11	1.26	1.20	1.92	4.21	2.88	1.45	2.88	4.68	6.71	2930	
December	.62	.48	.36	4.73	2.27	1.67	3.65	3.28	.80	1.16	1902	
TOTALS	23.71	21.94	19.25	19.69	24.80	23.69	30.45	19.89	37.86	25.00	23627	RM

Incl. 6/1935 in: g. Snowden at 194.3 in. Camden measure. Excellent exposure.

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

Station No. 240

RAINFALL at New Bridge (Waterworks.)

41

County of Middlesex

Observer Met. Water Board

River Basin Thames, Colne & Brent. 1.

Type of Gauge

Annual Average 24.1 in. based on 27 years obs. un-weighted. Period of average 1881-1915. Ref. S.

File No. 88289228

Diameter	5"			246	544							
Height	1' 3"				1			1' 0"				
Altitude	26'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	2.74	2.45	4.71	1.58	1.73	1.53	1.32	3.39	.91	.80		21.16
February	1.60	.75	1.26	.75	1.53	2.24	1.11	1.14	.99	3.42		14.79
March	3.21	2.03	.32	.03	.89	1.01	4.56	.56	.93	.71		14.25
April	1.52	1.29	.81	1.39	1.03	2.17	1.60	1.17	1.61	2.47		15.06
May	1.63	2.76	1.87	.92	2.12	3.30	1.19	2.47	2.01	1.66		19.93
June	2.17	1.08	1.31	1.48	1.90	2.78	2.80	1.90	.57	1.61		17.60
July	5.25	1.80	2.07	1.57	2.83	2.97	2.14	1.18	1.53	3.71		25.08
August	5.85	2.11	1.21	2.55	1.21	3.74	.42	2.83	1.45	3.57		24.94
September	.43	1.04	2.15	2.36	1.74	3.49	1.13	1.20	.36	2.76		16.66
October	.79	3.42	2.60	2.88	2.26	1.30	.10	1.75	5.24	.46		20.80
November	2.78	1.86	1.38	3.56	.19	4.11	1.04	1.65	2.13	4.58		23.28
December	1.91	2.40	1.39	1.20	2.80	1.98	2.26	2.58	1.58	1.50		19.60
TOTALS	29.88	22.99	21.08	20.27	20.23	30.62	19.70	21.82	19.31	27.25		233.45

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.

BRITISH RAINFALL ORGANIZATION

Station No. 840 TF 86RAINFALL at New Bridge (Waterworks) 51County of Middlesex Observer Mt. Water BoardRiver Basin Thames - Colne & BrentType of Gauge M.O.Annual Average 24.1 in. based on 27 years obs. un weighted. Period of average 1881-1915 Ref. S
24.47 " " 35 " " 1916-1950 File No. 196-1850 7 E Sh 6/116
E 23628/38

Diameter	5"			246	544						
Height	1'0"			1'6	1			1'0"			
Altitude	36'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total/10
January	2.75	1.82	.87	.86	2.18	3.81	1.46	2.08	2.32	1.63	19.78
February	5.22	.76	1.12	2.00	1.35	.21	2.81	2.78	.09	1.88	18.22
March	3.21	2.52	.44	2.17	.83	.89	1.04	1.13	1.65	1.56	15.44
April	2.12	1.35	2.45	.27	.37	1.04	.35	1.29	2.49	.53	12.26
May	2.10	2.37	1.29	2.12	4.14	.23	1.14	2.26	.44	1.45	17.54
June	1.18	1.53	1.82	4.10	2.01	1.81	.93	3.40	.74	.86	18.88
July	1.09	.49	4.24	2.56	.26	5.53	3.15	2.18	1.54	3.37	24.41
August	3.93	3.64	1.81	3.57	.71	3.79	3.17	2.86	1.06	2.19	26.73
September	2.43	2.74	1.99	1.94	1.55	2.13	2.21	4.81	.03	3.52	23.35
October	.88	2.74	2.82	1.86	2.73	2.09	1.81	2.34	1.94	4.99	24.20
November	5.79	3.23	1.20	3.61	.95	.36	2.34	2.05	2.30	3.66	25.49
December	1.59	2.33	.53	2.05	1.93	2.57	1.63	3.14	3.35	2.16	21.28
TOTALS	32.29	25.52	20.58	27.11	19.01	24.46	22.04	30.82	17.95	27.80	247.58
	D	D	D	D	D	D	D	D	D	D	

In. 5/54. E. wind. To be reset on grass at 1'. Good site near fiddle beds
 Inst. II 1956. P. Decks. Over-embank to W. Best site available
 Inst. II 1958. B.O.K. G. moved to present site May 1957. Slightly over-embank main direction
 Inspected 4.10.60 by H.H.H. o/c all directions especially E. To be reset when land sold.

Position of Station on Ordnance One-Inch map: No. of Map 170 National Grid Reference 51/1877.80

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

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
	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓