

RAINFALL at Healdstone, Loddon WorksCounty of MiddlesexObserver J. H. Pledge Esq.River Basin Thames - Colne & Great O. Messrs Kodak Co.

New in Snowden Rain Gauge, by Baird & Tatlock
Snout & Screen
Glass flat-bottom correct 3.26.

Diameter ...				5"							
Height				6.6	6.0			1.0*			
Altitude ...				198				191 $\frac{1}{2}$	192 $\frac{1}{2}$		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930
January ...				1.63	2.39	1.46	2.84	1.61	4.12	.95	2.57
February ...				3.08	.36	2.79	2.36	3.42	1.54	.54	0.48
March				2.24	.60	.34	.18	2.57	1.54	.01	1.12
April				1.78	3.12	1.48	3.19	1.69	1.28	.96	1.70
May				1.92	3.23	1.60	2.18	1.19	1.90	1.77	2.45
June26	2.53	.02	2.35	2.79	2.54	1.16	1.22
July				2.93	3.43	3.49	2.49	2.54	2.04	2.39	1.73
August				1.83	2.11	2.54	1.03	4.41	2.47	1.23	3.51
September...				1.41	2.56	2.97	2.05	4.52	1.15	.19	2.43
October				4.92	3.39	3.01	2.21	2.16	3.98	3.05	0.92
November...				1.34	2.47	1.30	4.88	2.99	2.36	6.13	3.41
December...				2.35	3.00	1.80	.39	2.56	2.24	4.64	1.94
TOTALS...				25.69	29.19	23.00	26.65	32.45	27.16	23.02	23.28

1923. Buildings 18 ft high 25 yds W.

" 25 " " 18 " 15 "

" 20 " " 40 " 5 "

" 40 " " 25 " W

Inspected 9.12.3.26. L. on top of thermometer screen. Recommended
 new site about 3 yds from screen.

* Gauge moved 1/10/27. 8 1/2' NW.

1929. Gauge moved Dec 2nd 240 yds N.W.

Snowden screen 4 1/2' 10' N.

Buildings 45 feet 150 ft N

20 " 50 " N

Annual average = 23.4 rejected from survey as 1' low.

1930. G. read 5 am winter & summer

Position of Station on reduced Ordnance Survey
 Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1923	51° 35' 43"	0° 20' 35"	Healdstone S.M.S.Ry	1/2 mi	SE	Healdstone	3/8 mi	E.

RAINFALL at Wealdstone (Kodak Works)County of Middlesex Observer Messrs. Kodak, Ltd.River Basin Thames - Colne & BrentType of Gauge SnowdonAnnual Average 23.4 in. based on 40 years obs. un-weighted. Period of average 1891-1915 Ref S

Diameter	5.											
Height	1.0.											
Altitude	193.			192.6		199.1	195.					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.07	1.93	1.72	1.64	.83	4.24	3.71	3.19	5.32	2.49	2.615	
February	1.44	1.10	1.78	.30	2.49	1.96	4.45	.41	1.06	1.87	1.586	
March	.27	1.32	2.51	2.19	.36	.90	2.80	.37	1.62	2.70	1.494	
April	3.38	2.24	.98	1.76	2.95	1.73	2.74	.21	2.79	1.83	2.060	
May	2.55	4.30	1.82	.89	.92	.46	3.07	1.55	1.62	1.58	1.876	
June	1.27	.81	2.66	.66	3.35	4.11	1.71	.40	2.09	2.02	1.908	
July	3.10	2.21	1.47	1.30	1.28	3.53	.65	1.12	1.62	2.63	1.891	
August	4.71	.93	.60	2.20	1.60	.52	1.63	2.88	3.60	.24	1.891	
September	1.94	1.88	2.61	1.43	4.07	2.73	1.86	1.56	1.66	1.10	2.084	
October	.70	4.44	1.54	1.44	2.36	1.98	2.77	3.06	5.31	2.78	2.638	
November	2.48	1.43	1.25	1.72	4.30	3.17	1.42	3.30	5.36	6.97	3.140	
December	.83	.55	.47	5.29	2.87	1.68	3.82	3.36	1.35	1.36	2.158	
TOTALS	23.74	22.14	19.41	20.81	27.38	27.01	30.63	21.41	33.31	27.57	25.341	

1931. Stevenson Screen. 4 ft. 6 in. high. 10 ft. N.

Brick building 45 ft. high 150 ft. S.

20 " " 50 " N.E.

1935. Gauge moved July 8th 120 yards S.W.

1936. Buildings 26', 25', 31' high, 50' N, 100' N.E., 160' N.E. respectively. Screen 4' 6" high, 10' N.

1937 July 6th Station moved to a position about 300 yards E.Annual average = 23.4 (1923-1932) repeated from survey as 1st does.

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			Harrow - Wealdstone L.M.S. Lini.		S.E.	Wealdstone	3/8 mi.	E.
1938							5/2	

Station No. 865 m.w.R.RAINFALL at Wealdstone (Kodak Works)

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County of Middlesex Observer Messrs. Kodak Ltd.River Basin Thames between Brent &Type of Gauge Snowdon *Condon gauge 1950*Annual Average 25.3 in. based on 4 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S.I. 26/42File No. 55332326

Diameter	5"			247	270						
Height	1' 0"				1						
Altitude	195'	192'	204'		41			175'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.29	3.10	4.51	1.54	2.05	1.63	2.01	5.04	1.25	.85	
February	2.35	.86	1.27	.79	1.78	3.00	1.45	1.43	1.12	3.72	
March	3.01	1.76	.44	.14	.65	1.27	6.02	.90	1.17	.99	
April	1.81	1.57	.93	1.71	1.06	2.05	1.65	1.30	1.76	2.19	
May	1.68	3.07	2.38	.65	2.78	3.36	1.14	3.35	2.10	1.62	
June	1.80	.30	1.53	1.52	1.93	2.65	2.58	2.48	.51	1.52	
July	4.65	1.86	1.56	1.37	3.37	2.58	3.25	1.23	2.38	5.01	
August	5.03	2.85	1.75	2.89	1.55	4.00	.43	2.59	2.20	2.40	
September	.48	1.01	2.16	3.06	1.59	3.19	1.36	1.52	.44	3.10	
October	.96	4.12	2.82	3.62	3.05	1.28	.14	2.19	5.90	.41	
November	2.59	2.03	1.34	3.74	.21	4.72	1.31	1.93	2.55	4.78	
December	1.72	2.77	1.28	1.45	3.05	2.34	2.76	2.77	1.56	1.87	
TOTALS	28.37	25.30	21.97	22.54	23.07	32.07	24.40	26.73	22.94	28.46	

26.8.42 Instruments moved to new location, approx. 19 ft above 1934*. 24.3.43 moved to another site
 1949 Insp. Mr. Galley 10/3/49 Instruments moved 600 yds SSE in enclosure 16 ft sq.
 Home 20-30 ft high 45-50 ft. S.
 Exposure not ideal but best available
 1950 Poles trees 12'-14' high. 14'-40' S.E.

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. 205 M.W.R.RAINFALL at Woadstone (Kodak Works)

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County of MiddlesexObserver M. J. H. Kodak Ltd.River Basin Thames, Colne & Brent.S. H. Hylton, Esq.Type of Gauge GaugingAnnual Average 25.3 in. based on 4 years obs. un-weighted.Period of average 1881-1915Ref. S. 1. 26/4227.47 " " 13 " " 1944-1956File No. P

Diameter	5"										
Height	1' 0"										
Altitude	175				51				173		
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.94	1.97	.97	.98	2.66	3.89	1.64	2.72	2.38		
February	5.01	.82	1.76	2.60	1.57	.19	3.08	2.52	.10		
March	3.61	2.58	.60	2.62	1.09	1.02	1.45	1.16	2.10	#	
April	2.65	1.55	2.63	.35	.57	1.00	.37	1.39	2.35		
May	2.20	2.06	1.53	2.12	4.66	.31	1.21	2.72	.53		
June	1.34	1.54	1.87	4.24	2.07	2.12	1.46	4.47	1.16		
July	1.44	.54	2.87	3.14	.25	3.88	3.32	3.25	2.64		
August	3.93	5.18	2.14	2.90	1.09	3.95	1.97	3.34	1.91		
September	2.90	4.44	2.24	2.18	1.74	2.52	2.49	4.85	.04		
October	1.24	2.86	2.78	2.70	3.99	2.68	1.99	2.63	2.30		
November	5.31	3.30	1.50	4.24	1.57	.57	2.24	2.48	2.34		
December	1.73	2.64	.66	1.71	2.29	3.10	2.05	3.30	3.76		
TOTALS	34.36	29.48	21.55	29.78	23.45	25.23	23.27	34.83	21.61		
	D	D	D	D	D	D	D	D	D		

1951. Poplar trees 14' high 14' SE-SW.

1957. Insp. N. J. R. Webster, 3.10.57. Site overhauled by the row of trees. Consideration of improvement requested.

march to 5/11 861/5 on 10/2/60.

Sustained
Hamilton Bank
London Canal
144897

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference (51) 144897

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
			Woadstone	1m.	E.	Woadstone	1/2m	S.

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
		c 1923	✓	✓	
		✓ but D 26	✓ but D 32	✓	