

RAINFALL at Sewage Works Waltham

County of Middlesex

Observer

J. E. Sharpe Esq.

River Basin Thames Lea 2

Inverted Rain Gauge, by N & J

Diameter ...							5			
Height							10			
Altitude ...							61			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919 MEANS.
January ...							1.43	.97	2.99	3.62
February ...							3.09	1.49	.77	3.07
March							3.81	1.32	.84	2.64
April							1.19	1.82	2.84	3.38
May							1.89	2.38	1.97	.23
June							2.31	1.30	.89	1.41
July							2.27	4.75	3.75	2.57
August							5.01	2.85	1.45	1.84
September...							1.62	1.58	5.17	1.16
October ...							3.37	3.63	.93	.42
November...							4.29	1.51	1.56	1.92
December...							2.82	.85	2.04	3.32
TOTALS ...							33.10	23.45	25.10	25.58

1916 Building 12 ft high 30 yards NW

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
51.41	0.1.		Waltham*	1/2 m	W	Waltham Abbey	1 m	NE

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RAINFALL at Waltham Sewage Works

County of Middlesex

Observer J. E. Sharpe Esq.

River Basin Thames-Lea 2

Eng. Cheshunt L.D.C.

Snowdon Rain Gauge, by 2 ft 3 in.

Diameter ...	5"	5"									
Height	1.0	0.6	1.0	0.7			1.6		1.0	1.0	
Altitude ...	61	61									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	2.24	2.09	2.51	1.12	2.63	1.85	2.56	1.61	3.46	1.31	2.00
February ...	1.19	1.29	2.22	2.96	1.49	2.92	2.60	3.35	1.75	.35	0.81
March	1.21	1.02	1.40	1.85	1.31	.61	3.30	2.25	1.71	.02	1.52
April	3.51	1.46	2.58	1.40	(3.62)	1.92	3.15	1.84	.79	1.28	1.87
May75	.94	.61	1.99	(3.22)	1.77	1.52	1.02	1.92	1.44	2.67
June	2.92	1.14	1.21	.63	3.15	.10	3.40	2.90	2.51	.90	1.91
July	4.22	2.22	3.04	1.64	(4.61)	3.51	2.49	2.63	1.54	1.70	1.93
August	1.86	1.27	2.01	1.89	2.29	2.32	2.02	4.07	1.92	1.26	2.05
September...	2.42	2.28	2.25	.97	2.84	2.54	1.86	4.40	.67	.33	2.88
October.....	1.27	.89	.82	4.68	(3.80)	2.53	2.20	2.01	3.41	3.42	1.06
November...	.52	1.94	1.44	1.83	(2.47)	1.50	4.03	2.32	2.33	5.44	3.73
December...	2.12	1.06	2.49	2.05	2.88	2.16	.33	2.23	2.48	4.61	2.17
TOTALS...	24.23	13.70	22.59	23.01	(33.01)	23.73	26.46	30.63	24.49	22.06	24.60
	d	d	d	d	d	d	d	d	d	d	d

1920. Not printed. Bad.

Building 12 ft high 30 yds N.W.

1924. Not printed, omission.

1930. Read 9 am winter + summer.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1920	51° 41'	0° 1'	Waltham Cross	1/2 mi NW	Waltham Abbey	1 mi NE.

RAINFALL at Waltham Cross (Sewage Works)

County of Middlesex

Observer J. E. Sharpe, Esq.

River Basin Thames - Lea - 3

Cheshunt W.D.C. (1937)

Type of Gauge NN O.

Annual Average 22.6 in. based on 17 years obs. un-weighted. Period of average 1881-1915.

Ref. S.
687828/26

Diameter	5.										
Height	1.0.										
Altitude	61.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.32	1.67	1.58	1.49	1.21	3.51	3.53	2.70	5.45	1.85	24.31
February	1.90	1.7	1.01	1.11	2.20	1.61	3.73	.69	.77	1.37	13.56
March	.04	1.40	2.15	2.11	.57	1.02	2.10	.32	1.38	2.84	13.93
April	3.14	2.18	.89	1.99	3.07	1.28	2.59	.13	3.16	1.44	19.87
May	2.47	2.76	1.93	.55	1.39	.70	2.67	2.62	1.51	2.18	18.78
June	1.09	.71	2.03	1.30	2.96	4.61	1.77	.37	1.38	.37	16.59
July	2.57	1.57	.67	1.31	.57	2.59	2.55	1.28	1.88	2.65	17.64
August	4.16	1.39	.82	2.26	1.58	.40	2.19	1.36	3.38	.14	17.38
September	2.47	1.70	2.86	1.59	3.07	2.64	1.49	3.57	1.92	.70	22.01
October	.53	4.68	1.16	.96	3.25	1.88	2.06	3.05	5.56	2.99	26.12
November	1.93	1.24	.97	1.82	3.57	3.08	.73	5.49	4.07	6.74	29.64
December	.66	.50	.35	4.66	2.64	1.53	3.15	3.10	.97	1.26	18.82
TOTALS	22.28	19.97	16.12	20.15	26.08	24.85	28.56	24.68	31.43	24.53	238.65

1931. Building 12 ft. high 30 ft. N.W.

1W

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
1931			Waltham Cross 1/2 mi. N.W.			Waltham Abbey 1 mi. N.E.	

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

Station No. 894

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RAINFALL at Waltham Cross (Sewage Works)

County of Middlesex

Observer B. Newbold M.D.B.

River Basin Thames - 2

Type of Gauge M.O.

Annual Average 22.6 in. based on 17 years obs. un-weighted. Period of average 1931-1945 Ref. S.

File No. 687528.2.b.

Diameter	5"			244	509					
Height	1' 0"					1				
Altitude	61'					41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	Means
January	2.19	1.70	4.20		1.70	1.69	1.80	3.86	1.03	1.33
February	2.32	.93	1.10		1.29	2.72	1.51	1.22	1.10	3.54
March	3.15	1.91	.37		.66	.71	5.34	.76	.82	.70
April	1.50	1.26	.96		1.04	1.46	1.50	1.89	1.09	1.45
May	1.86	2.61	2.06		2.88	2.40	.81	2.11	1.84	1.31
June	1.05	.12	1.28		1.73	2.18	2.88	2.20	.19	1.85
July	3.48	1.70	1.55		3.21	2.29	2.61	.65	1.53	3.50
August	4.63	1.90	1.05		1.12	2.78	.07	3.03	1.82	1.90
September	.65	1.07	2.00		1.75	3.68	1.16	1.44	.24	2.44
October	1.03	3.85	2.14		2.80	1.42	.17	2.63	5.19	.26
November	2.10	2.24	1.57		.29	4.37	.74	1.99	2.39	4.73
December	1.64	2.68	1.31		3.33	2.00	2.25	2.19	1.44	1.47
TOTALS	25.60	21.97	19.59	NR	21.80	28.70	20.84	23.97	18.68	24.40

1942. Building 12' high 30 yrs. N.W.

such as called Pastors Lane by experts

1950 Tank wall 8 ft high 10 yrs S.W.

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
1942			Waltham Cross	1/2 ml.	N.W.	Waltham Abbey	1 ml. N.E.

Station No. 894

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RAINFALL at Waltham Cross (Sewage Works)

County of Middlesex

Observer Cheshunt H.D.C.

River Basin Thames - 2

Type of Gauge M.G.

Annual Average 22.6 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 697528/26

Diameter ...	5"				244	509					
Height ...	1' 3"					1					
Altitude ...	61'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.50	1.62	.86	.99	2.38	3.59	1.12				
February	5.60	.61	1.37	2.16	1.64	.40	3.00				
March	3.06	3.08	.58	2.09	1.23	.82	1.12				
April	2.81	1.15	2.62	.22	.33	1.17	.20				
May	2.25	1.78	1.36	1.63	4.55	.75	.81				
June	.56	1.87	1.45	2.98	2.53	2.99	1.12				
July	.81	1.17	2.88	3.05	.08	3.78	3.07				
August	5.11	2.70	1.83	3.28	1.66	4.61	1.73				
September	3.23	2.86	1.96	1.46	2.13	2.16	2.25				
October	.59	2.27	2.73	2.30	3.68	2.63	2.11				
November	4.55	3.23	.87	3.96	.70	.65	2.29				
December	1.53	2.15	.57	1.92	1.60	2.81	2.02	*			
TOTALS	32.60	24.49	19.03	26.04	22.51	26.86	20.90				
	D	D	D	D	D	D	D				

1951. Yanks 10ft. high 15yd. down.

1958. Station terminated - works closed.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 10/367907

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Waltham	1/4 m.	N.	Waltham abbey	1m. E.

Summary of Earlier Records from 10-year Sheets :

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
		c 1916	✓ NP 20, 24	✓	✓ NR 44	
		✓	✓ bnd 20, 24	✓ bnd 31, 32	✓	