

RAINFALL at Cheshunt Tarnacle Hill Pumping Station

County of Hertfordshire

Observer

J. E. Sharpe Esq.

River Basin Thames Lea 3

London Rain Gauge, by _____

Diameter ...					5						
Height					10						
Altitude ...					250						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January88	3.75	1.89	1.29	2.85	3.74	Totals. 16-19 9.77
February ...					2.82	3.93	3.71	1.85	1.13	2.98	8.67
March					4.40	1.16	4.47	1.84	.87	2.99	10.17
April75	1.02	1.46	2.30	3.32	3.21	10.27
May					1.96	2.87	2.27	2.54	2.62	.29	7.72
June.....					1.38	1.39	3.06	1.04	1.33	1.44	6.87
July					1.81	4.98	1.70	3.65	3.22	1.80	10.37
August					1.17	3.90	3.93	4.53	1.64	2.06	12.16
September ..					1.18	1.99	1.09	1.61	5.36	1.46	9.82
October ...					1.63	2.01	3.93	4.05	1.35	.53	9.76
November ..					2.78	2.39	4.40	1.65	2.54	2.24	10.83
December...					7.29	5.31	3.28	.78	2.69	3.94	10.69
TOTALS ...					28.00	34.70	35.39	26.13	28.92	26.68	117.12 117.12

1914 Tree 18 ft high 10 yds S

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51.42°	0.6. W	Cuffley	1 1/2 m	S	St Mary's	2/3 m	W

942
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RAINFALL at Cheshunt, Darnicle Hill Pumping Station

County of Herefordshire)

Observer J. E. Sharpe Esq.
Secretary U. S. G.

River Basin Thames-Sea 3.

Met Water Bal from 1/4/28. f 687528/26.
(Northern Dist.)

Snowdon Rain Gauge, by

R.E. Morris

1920. Tree 18 ft high 10 yr. S.

1929 Trees 30' high 40 yds N.

1721 is a "v" - 706 "

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

References No.

Date.	Lat. N.	Long. <i>to</i>	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51° 48' 0" N	6° 6' E	Cuffley	1 1/3 mi	S	St. Mary's	2/3 mi	W

RAINFALL at Cheshunt (Darnacle Hill P.S.R.)

County of Hertfordshire

Observer Met. Water Board

River Basin Thames - Len - 3

Type of Gauge

Annual Average 26.2 in. based on 19 years obs. un-weighted. Period of average 1881-1915. Ref. S 993894 28

Diameter	5'											
Height	1.0											
Altitude	250											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total	
January	1.97	1.76	1.81	1.78	1.42	4.17	4.53	3.18	5.70	(2.35)	28.67	
February	1.98	2.21	1.34	1.14	2.97	2.01	4.46	1.57	1.91	1.62	16.11	
March	1.10	1.57	2.63	2.23	1.47	1.23	2.57	1.48	1.76	2.95	15.99	
April	3.88	2.41	1.02	1.45	3.42	1.36	3.22	1.12	2.83	1.52	21.23	
May	2.85	3.33	2.16	.56	1.63	1.25	2.73	2.59	1.86	1.89	20.55	
June	1.19	1.51	1.92	1.11	3.25	4.60	1.85	1.49	1.77	1.11	18.90	
July	2.97	1.89	1.29	1.42	1.58	4.79	1.51	1.99	2.36	2.31	21.11	
August	4.25	2.44	.59	2.51	1.65	1.38	1.14	1.36	3.68	.01	18.01	
September	2.84	2.08	2.64	1.83	3.75	3.30	2.48	2.58	1.82	1.08	24.40	
October	1.58	4.57	1.44	1.66	2.71	2.32	2.24	3.34	6.32	3.30	29.47	
November	2.99	1.53	1.05	1.75	2.86	3.11	1.53	3.42	4.10	6.99	30.33	
December	1.84	1.60	1.49	5.68	2.95	1.62	3.54	3.79	(1.20)	1.40	22.10	
TOTALS	26.34	23.90	18.37	22.11	29.76	30.14	31.80	23.91	(34.01)	26.53	266.87	

1931. Tree 30 ft. high 16 ft. N. Impeded & flat for rich taper measure required.
† Inspected 15/2/38 by Mr Bennett. New gauge since last inspection. These rather over-sheltered gauge to the N.

1940. Gage sealed for now.

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	Direction

Station No. 942

RAINFALL at Cheshunt (Darnide Hill P.S.) ✓

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County of Hertfordshire

Observer Met. Water Board

River Basin Thames - Lea - 3

Type of Gauge.

Annual Average 26.2 in. based on 19 years obs. unweighted. Period of average 1881-1915 Ref. S

File No. 883893/28

Diameter	5		244	568							
Height	1	0			1						
Altitude	250				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.07	2.42	3.13	1.49	2.06	2.31	2.26	4.21	1.18	1.14	Totals 26.27
February	1.66	1.05	1.32	1.19	1.75	2.75	1.88	1.41	1.29	4.13	18.43
March	2.96	1.75	1.54	2.7	1.71	1.59	5.68	.87	.93	.82	16.12
April	1.46	1.60	1.21	1.72	1.42	1.50	1.92	1.26	1.63	1.77	15.49
May	1.91	2.78	2.20	.71	2.33	2.47	.89	2.71	2.35	1.75	20.10
June	.96	1.23	1.77	2.03	1.83	2.20	2.37	2.68	.45	1.37	15.87
July	3.76	2.31	1.69	1.61	2.66	3.09	2.02	.78	1.95	4.11	23.98
August	5.11	1.72	1.71	3.40	1.35	4.43	.15	2.96	1.67	2.36	24.86
September	.58	1.11	1.90	2.78	2.25	4.43	1.39	1.58	.34	2.64	17.00
October	.99	4.31	2.92	3.52	2.67	1.31	.11	2.51	6.09	.35	26.73
November	2.68	1.92	1.51	3.94	.32	5.03	1.10	1.81	2.77	5.86	26.14
December	1.64	2.60	1.71	1.41	3.70	2.14	3.03	2.75	1.53	1.79	22.30
TOTALS	25.78	23.80	23.61	24.07	23.05	33.25	22.80	25.53	22.18	27.29	25.36 30.40

1950 August unpeeled. ratio.

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

BRITISH RAINFALL ORGANIZATION

Station No. 942

M T.F. 86

RAINFALL at CRESHUNT (DARKEE HILL P.S.)

County of HERTFORDSHIRE

Observer M.R. WATER BOARD,

River Basin THAMES - LEE - 3

Type of Gauge H.O.M.H.II

Annual Average 26.2 in. based on 19 years obs. un-weighted. Period of average 1891-1915 Ref. S
 26.54. " 35 " 1916-1950 1916-1950 File No. E 22626/58

Diameter ...	5"											
Height ...	1' 0"											
Altitude ...	280'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	2.87	2.04	1.18	1.27	2.39	4.10	1.17	2.84	2.55	2.22	22.63	
February	5.09	.71	1.84	2.26	1.84	.49	3.13	2.80	.09	2.07	20.32	
March	3.30	3.13	.59	2.71	1.27	.99	1.07	1.10	2.06	1.44	14.66	
April	2.88	1.39	2.40	.22	.39	1.17	.20	1.29	2.57	.52	13.03	
May	2.32	1.56	1.39	2.11	4.60	.71	.73	2.76	.73	1.72	18.63	
June	.79	.89	1.69	4.05	1.87	3.07	1.66	.528	1.25	1.73	22.28	
July	.97	.61	3.38	3.00	.23	4.78	3.35	2.62	2.33	3.25	24.46	
August	3.78	3.03	1.65	3.73	1.78	5.57	2.44	3.05	2.12	3.30	30.45	
September	3.34	3.53	1.97	1.75	1.69	2.10	3.41	3.47	.04	3.73	25.03	
October	.86	2.52	3.37	2.62	4.01	1.73	1.86	3.06	2.00	5.97	28.00	
November	5.09	3.41	1.32	4.41	1.09	.59	2.44	2.07	2.49	3.68	26.59	
December	1.69	2.67	.58	1.55	1.88	3.65	2.33	3.10	4.12	3.11	24.68	
TOTALS ...	32.98	25.49	21.36	29.63	23.04	28.89	23.79	33.44	22.35	32.74	243.76	
	D	D	D.									

In 17.11.53. Q. to be moved from brick path to grass. Ground slopes to north.

Inspected Sept 1956 Mr. Deeks. Gauge holed. Set in crazy paving. Site reasonable.

Revised report.

July II 1958 P.B.K. Satisfactory surface set g. removed by crazy paving.

Inspected 11.10.60 by Mr. Deeks. Satisfactory - grass round g.

Position of Station on Ordnance One-Inch map : No. of Map 160 National Grid Reference T.L. (52) 309 048

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance 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
		C 1914 ✓ ✓	✓ ✓	✓ ✓	✓ ✓	