

RAINFALL AT *Muswell Hill Irish Corner*

80

Lat.

Lon.

County of *Middlesex*

Rain Gauge, by

Observer

T. D. C. Meade Esq.

S. James. Sec.

Diameter										8	
Height										4 5 5.11	
Altitude										216 T	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January										80	
February										1.93	
March									[#] 3.44	1.78	
April									1.99	1.66	
May									1.07	3.63	
June									2.72	1.82	
July									3.70	2.82	
August									3.59	2.65	
September...									.81	1.88	
October									1.17	4.10	
November...									4.39	1.15	
December ...									1.08	1.19	
TOTALS										25.41	

S. James' Muswell Hill 1540 yds S.

Cottage 15.5 ft high 11 ft NE

Greenhouse 10 ft " 6. NW

Annual average = 26.1 used in London Survey.

RAINFALL AT

Bolney Hatch Irish Corner
Sewage Farm Coppett Road Ymswell Hill
 County of *Middlesex*

Lat. _____

Lon. _____

County of _____

Rain Gauge, by _____

Observer _____

J De C Mead Esq. C.E.
E. Lovegrove Esq. C.E.

2. Thames - Sea.

Diameter	8											
Height	5 11			4.8								
Altitude	216											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.39	2.14	.69	1.57	2.97	2.18	.84	2.55	.85	2.97	1.915	
February ....	.89	.00	1.45	3.08	1.98	.13	.40	3.07	1.38	2.26	1.464	
March	1.64	1.91	1.18	.41	1.24	1.85	3.51	4.18	1.33	.66	1.791	
April	1.36	.99	.98	.04	2.17	1.27	.60	2.30	1.31	3.14	1.426	
May	1.27	3.17	1.52	.89	1.97	.43	.24	1.62	2.81	1.31	1.523	
June	3.20	1.01	2.71	.74	1.93	.39	1.65	2.77	1.81	2.51	1.872	
July	4.23	3.00	1.95	2.25	3.16	4.06	1.19	1.32	.80	1.83	2.349	
August	2.11	5.06	3.11	1.46	3.24	3.09	1.73	3.10	1.47	.72	2.519	
September....	.26	1.09	3.34	.99	1.26	1.03	6.22	3.17	.41	2.99	2.076	
October .....	.68	6.24	3.89	4.07	4.03	3.09	3.11	.85	3.91	2.51	3.238	
November....	1.39	2.15	2.71	2.16	3.35	3.79	1.23	1.23	2.11	4.39	2.451	
December ....	.18	3.06	1.41	2.21	2.40	2.35	4.20	2.80	2.74	1.57	2.292	
TOTALS	19.60	27.82	24.94	19.87	29.90	23.66	24.92	28.96	20.93	26.86	24.946	

1890 Unreliable, too small

Annual average = 26.1 used in London Survey.

RAINFALL AT *Muswell Hill High Corner George Farm*

Lat.

Lon.

County of *Middlesex*

Rain Gauge, by

Observer *E. J. Lovegrove Esq. Cl.*

S. Thomas. Sec.

Diameter ..	8											
Height	4. 8											
Altitude ..	216 π											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.	
January ..	3.36	.64	.96	1.91	2.57	1.23	4.20	1.06	1.84	.70	1.847	
February ..	4.55	1.27	1.63	.72	2.82	.75	2.18	1.21	1.65	.64	1.742	
March ....	.72	2.23	2.08	2.23	2.10	2.93	1.21	.99	2.58	3.27	2.034	
April	1.10	2.30	.60	1.56	.78	1.79	.77	3.06	2.47	1.90	1.633	
May	1.29	1.24	2.26	2.64	2.00	1.12	1.47	1.76	1.50	1.57	1.688	
June	3.00	1.09	3.57	6.17	.67	3.67	2.45	2.36	.99	3.22	2.719	
July	1.54	3.97	1.10	3.88	2.00	.79	.94	3.68	3.81	3.08	2.479	
August	2.88	1.73	5.71	4.08	1.65	2.74	.71	1.96	2.85	1.82	2.613	
September..	.90	1.79	1.05	2.95	1.31	1.95	1.58	.59	1.52	2.52	1.616	
October	2.24	2.54	1.47	5.76	1.37	1.54	3.79	2.77	1.95	3.91	2.734	
November ..	2.45	.73	1.88	1.79	1.83	3.36	4.39	2.16	.68	.78	2.005	
December ..	3.50	3.62	1.34	1.43	1.74	.83	2.93	3.86	1.69	2.82	2.376	
TOTALS ..	27.53	23.15	23.65	35.12	20.84	22.70	26.62	25.46	23.56	26.23	25.486	

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Hills

Annual average = 26.1 used in London Survey.

RAINFALL at Muswell Hill Irish Corner Sewage FarmCounty of MiddlesexObserver E. J. Lovegrove Esq. C.E.River Basin Thames Lea 2

Rain Gauge, by _____

Diameter ...	8												
Height	4.5				4.5								
Altitude ...	216 π				214								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Total	
January ...	1.67	1.28	3.79	2.94	.63	3.76	1.83	1.53	2.90	4.29		16.19	10.55
February ...	2.62	1.69	2.09	.93	2.68	3.43	3.63	.90	1.27	2.87			8.67
March .....	.99	1.78	3.43	2.21	4.54	1.26	4.58	1.79	.91	3.54			10.88
April	2.47	1.74	.06	3.14	.81	1.11	1.31	2.53	3.35	2.81			10.00
May	2.22	1.04	1.37	1.83	1.88	3.22	2.04	2.38	2.24	.41			7.07
June	2.38	2.52	3.22	.66	1.38	.75	2.53	2.00	.94	1.55			7.02
July	1.84	.71	2.27	2.63	1.85	5.49	1.44	4.46	4.45	1.76			12.11
August	2.61	.80	4.98	1.35	1.28	3.15	6.02	3.74	1.41	2.79			13.98
September ..	.51	1.43	2.41	1.69	1.08	2.09	1.63	2.62	5.97	1.29			11.51
October ...	2.29	3.47	2.44	3.52	1.36	2.20	3.61	4.03	1.14	.55			9.33
November ...	3.18	3.42	1.81	2.64	3.52	2.47	4.64	2.04	2.49	1.54			10.71
December ...	3.58	4.79	3.09	.89	7.03	5.95	3.08	1.00	2.51	4.15			10.74
TOTALS ...	26.36	24.67	30.96	24.43	28.04	34.88	36.34	29.04	29.58	27.56			122.5
	2	2	2	2	2	2	2	2	2	2			12.5

Annual average = 26.1 used in London Survey.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51.36	70.97						

RAINFALL at Muswell Hill, sewage TunnelCounty of MiddlesexObserver E. J. Lovegrove Esq. C.E.River Basin Thames-Sea 2.(1926) W. H. Adams
Boys Esq. & Surveyor HighgateStandard Rain Gauge, by
+ (+A)

Diameter ...	8	8										
Height	4.5	4.5								* 1.0	* 1.0	
Altitude ...	214	214									209.5	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>Means</u> 1930	<u>Totals</u>
January ...	2.71	2.67	3.21	1.44	2.88	1.88	3.66	1.84	3.89	1.38	2.70	28.20
February ...	.54	.14	2.46	3.57	.63	3.58	3.28	3.56	1.69	.73	1.25	21.43
March	1.46	1.51	1.62	2.73	1.04	.74	.36	2.70	1.72	.02	1.82	15.72
April	3.54	1.51	2.87	1.90	3.78	1.67	3.57	1.87	1.33	1.40	2.20	25.64
May	1.28	1.39	.88	1.94	3.35	2.36	2.34	1.47	2.19	1.83	3.20	22.23
June	1.96	.31	1.28	.55	2.70	.12	3.62	2.97	2.89	1.31	1.03	18.74
July	4.23	.14	2.88	3.13	6.43	2.60	2.33	2.91	2.08	2.57	2.10	32.40
August	1.61	1.62	2.00	1.92	2.57	2.77	1.55	3.93	2.42	1.59	2.97	24.95
September...	3.28	2.15	2.34	1.65	3.39	2.72	1.06	5.53	.82	.38	3.41	26.73
October	1.44	.92	1.03	5.36	4.23	3.32	2.33	1.95	4.81	3.49	1.52	30.60
November...	1.31	2.01	1.53	1.79	2.60	1.84	5.25	2.61	2.50	5.82	4.31	31.57
December...	2.74	1.26	2.80	2.44	3.35	2.43	.31	3.85	2.65	5.34	2.33	29.50
TOTALS...	26.10	15.57	24.90	28.42	36.95	27.03	29.66	35.19	28.99	25.86	28.84	307.51
	D	D	D	D	D	D	D	D	D	D	D	D

1929. This record is from a standard gauge which was lowered to 1 ft
* above ground on 25/4/30. encl. 170 file 6733 08/26.

1930. Read 9 am winter summer.

Annual Average = 26.1 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. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
	51°36'7"	0°9'9"	Muswell Hill					

Council Nurseries.

RAINFALL at Muswell Hill (Sewage Farm) (+H) (1928) (new g.) 1937

County of MiddlesexObserver W. H. Adams, Esq., S.E.River Basin Thames - Lea - 2.G. H. M. Richards, Esq., C.E. (1918)Type of Gauge M.O.Annual Average 2.1 in. based on 44 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref S

673308/56

Diameter	8.						5					
Height	1.0.											
Altitude	209.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Trials
January	1.54	1.96	1.89	1.84	1.33	4.73	4.12	3.11	5.28	2.13	2793	
February	1.86	2.2	1.64	.33	2.57	.74	4.55	.45	.85	1.75	1496	
March	.20	1.25	2.55	2.45	.52	1.23	2.80	.26	1.42	2.94	1562	
April	4.06	2.65	1.10	2.31	3.34	1.65	3.16	.16	3.10	2.37	2390	
May	2.68	3.34	1.72	.75	1.43	.32	2.81	2.07	1.40	1.15	1787	
June	1.37	.85	1.77	1.02	3.28	3.32	2.19	.61	1.12	.69	1622	
July	3.24	2.00	1.21	.57	1.51	3.47	.66	1.32	2.27	3.10	1935	
August	4.95	1.52	.62	2.34	2.13	.65	1.82	1.64	4.46	.08	2021	
September	2.86	2.04	2.33	3.05	3.89	2.81	1.88	2.24	1.38	.91	2309	
October	.69	5.21	1.77	1.40	2.97	1.95	2.87	3.01	5.79	3.26	2892	
November	2.55	1.60	1.07	2.20	4.52	3.36	1.46	3.45	4.94	6.42	3157	
December	1.18	.60	.48	5.78	3.07	2.15	3.52	3.66	1.04	1.57	2305	
TOTALS	26.88	23.44	18.15	24.04	30.56	26.38	31.84	21.98	33.05	26.37	26269	266

1937 Sewage Farm abolished name changed to Council Nurseries
 Inspected 8.9.37 by Mr. Martin Gauge looking, absolute and oversheltered.
 Gauge moved to more open site by 5" g. installed.
 1938. Greenhouse 9' high. 30' N.E. Trees 30' high. 63' S.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

Station No. 882

RAINFALL at Muswell Hill (Council Nurseries)

41

County of Middlesex

Observer J. H. M. Richards Esq. B.E.

River Basin Thames Lea

Type of Gauge M.O.

Annual Average 22.1 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. 5

File No. 673308/26

Diameter	5"			211	986							
Height	1' 0"				1							
Altitude	209'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.78	(2.46)	4.81	1.56	(1.97)	1.73	1.76	4.57	1.15	1.07		Totals 23.86
February	2.56	(1.03)	1.40	.91	1.72	2.84	1.68	1.61	1.13	3.47		18.35
March	2.91	2.16	.41	.12	.66	1.09	6.21	.73	1.06	.75		16.10
April	1.73	1.03	1.54	1.45	1.11	1.61	2.49	1.66	1.53	1.96		16.11
May	1.79	2.72	2.05	.68	3.50	2.07	.86	2.78	2.11	2.10		20.66
June	2.30	.62	1.24	1.75	1.76	2.87	2.68	2.35	.69	1.45		17.71
July	4.10	1.76	1.46	1.89	3.35	2.07	1.55	.94	1.61	3.86		22.58
August	3.59	1.80	1.77	2.62	1.25	3.18	.11	2.92	2.00	2.66		21.70
September	.48	1.23	2.38	2.84	1.69	3.77	1.19	1.88	.32	2.89		18.67
October	.80	4.12	2.57	3.48	2.72	1.71	.15	2.40	5.13	.45		23.53
November	2.37	2.21	1.36	3.77	.21	4.31	1.10	2.17	2.34	5.25		25.09
December	1.79	2.90	1.25	1.40	3.25	2.14	2.55	2.83	1.53	1.78		21.42
TOTALS	27.20	(24.04)	22.24	22.47	23.19	29.39	22.33	26.54	20.60	27.69		245.97 424

1942 Jan. 4 Feb. not'd. for snow fr. nearby stns.

1945 Jan pr. not'd. for snow. Shall hees 3' high 7' N.W.

60004

60004

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.
1945			Muswell Hill	1 m.	S.E.	St. Mathews	1/2 m	S.

BRITISH RAINFALL ORGANIZATION

Station No. 882

RAINFALL at Muswell Hill (Council observatory)

51

County of Middlesex

Observer J. H. M. Richards, Esq. B.S.

River Basin Thames - Lea - 3

Mornsey Borough Council
(G.A. Pentecost Esq., AMICE)

Type of Gauge M.O. (+AOS)

Annual Average 26.1 in. based on 44 years obs. un-weighted.

Period of average 1871-1915 Ref. S

26.82 " " 35 " " 1916-1950

1916-1950 33.85/26

File No. 27385/26

Diameter ...	5"											
Height ...	1'0"											
Altitude ...	209'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.11	1.82	.91	1.03	2.48	3.88	1.45	2.68	2.14	2.06	21.56	
February ...	5.24	.84	2.23	2.52	1.80	.32	3.26	2.70	.04	2.52	21.47	
March ...	3.74	3.18	.44	2.55	1.13	.97	1.42	1.18	1.79	1.59	17.99	
April ...	2.89	1.23	1.87	.25	.49	1.30	.24	1.57	2.73	.55	13.12	
May ...	2.29	1.47	1.47	2.03	5.04	.51	1.10	2.64	.60	2.10	19.25	
June ...	1.29	1.99	1.44	4.59	2.27	2.44	.79	5.22	1.01	1.38	22.39	
July ...	.83	.65	3.99	2.73	.32	5.55	3.61	2.09	1.55	3.04	24.36	
August ...	4.14	2.56	2.07	3.46	1.17	6.39	2.16	3.15	2.31	2.04	29.45	
September ...	3.09	3.66	1.97	1.94	1.82	2.38	2.67	4.23	.06	5.00	26.82	
October ...	1.02	3.05	2.20	2.45	3.88	2.49	1.97	2.73	2.37	5.88	28.04	
November ...	5.65	3.67	1.27	3.92	.97	.39	2.55	2.12	2.48	4.28	27.30	
December ...	1.62	2.34	.71	2.07	2.16	3.19	1.97	3.07	3.57	2.88	23.56	
TOTALS ...	34.91	26.46	20.54	29.54	23.53	29.79	23.19	33.38	20.65	33.32	275.31	
	D	D	D	D	D	D	D	D	D	D	D	

1951. Small trees 3' high 7' 1957 INST. REC. 5.80K, TREES >40', SE 30'. Accommodation moving 14/1 to W
 with lifting of trees. Good fix.
 5/58 Recommendations carried out

Position of Station on Ordnance One-Inch map:

No. of Map 60 51

National Grid Reference 279909

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1951			Muswell Hill New Southgate	1 m. 1 mi.	SE. N.E.	St. Matthews	1/2 m.	S.

Summary of Earlier Records from 10-year Sheets:

1916-1950 - accepted

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