

RAINFALL AT *Enfield Ponders End*

Lat.

Lon.

County of *Middlebury*

Rain Gauge, by *J. Thayer, Sec.*

Observer *W. B. Bryan Esq. C.E.*

W. B. Chubb Esq. C.E.
Metropolitan Water Board

Diameter ..			8								
Height			1 6					1 0			
Altitude ..			45								
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..			.75	1.78	2.21	1.35	3.74	1.09	1.73	.70	
February ..			1.26	.68	2.50	.94	2.02	1.41	1.54	.59	
March			1.50	1.96	1.62	2.88	.94	.93	2.37	2.53	
April .....			.43	1.43	.88	1.81	.53	3.70	2.40	1.72	
May			2.17	2.12	1.84	1.38	1.45	1.94	1.61	1.38	
June			2.87	5.72	.97	2.90	2.92	2.10	1.17	3.85	
July			1.16	5.58	2.05	1.89	.24	3.10	3.67	2.94	
August			4.70	3.74	1.73	2.04	.62	1.98	3.17	2.24	
September ..			.62	2.75	1.19	1.97	1.53	.76	1.59	2.64	
October ....			.83	5.55	1.24	1.28	3.42	2.93	1.82	3.85	
November ..			1.52	1.72	1.47	2.55	3.99	2.92	.59	.95	
December ..			1.27	1.38	1.70	.77	2.25	4.50	1.76	2.72	
TOTALS ..			19.08	34.41	19.40	21.76	23.65	27.36	23.15	26.11	

+ Inspected

RAINFALL at Ponders End Pumping StationCounty of MiddlesexObserver Met Water BoardRiver Basin Thames - Lea 2Copper Slasher Rain Gauge, by ?

funnel { 200
800
800
795

glass { 15-146
30-300
45-452
50-508

measured on 13

N.B. This glass was re-graduated above .30 by ed. 12. XII-13
after that date should be correct.

Diameter ...	8.											
Height	1.0											
Altitude ...	467											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	1.70	1.43	3.53	3.07	.64	3.32	1.46	1.33	3.00	3.60		9.89
February ...	2.36	1.42	1.82	.78	2.45	3.11	3.31	.81	1.01	2.75		7.88
March .....	.82	1.92	3.29	1.92	4.20	.98	4.20	1.60	.93	3.28		10.01
April	1.73	1.52	.06	2.73	.86	.99	1.16	2.69	3.50	2.98		10.33
May	1.87	1.66	.96	1.51	1.50	2.93	1.79	2.21	2.09	.39		12.48
June	3.35	2.80	2.89	.63	1.44	1.14	2.13	1.54	.99	1.38		5.46
July	2.09	3.21	1.32	1.71	1.38	5.28	1.20	4.34	4.56	1.95		12.06
August	1.98	.75	4.61	1.03	1.31	2.60	5.83	3.73	1.67	2.39		13.61
September ..	.65	1.39	2.30	-	.97	1.77	1.55	1.40	5.07	1.27		9.29
October ...	2.23	3.17	1.97	3.59	1.17	1.14	3.45	3.25	1.12	.50		8.32
November ..	3.26	3.40	1.74	2.74	3.13	2.19	4.33	1.52	2.03	1.65		9.53
December ...	3.37	4.48	2.67	.68	6.28	4.91	2.83	.97	2.07	3.57		9.44
TOTALS ...	25.41	27.15	27.16		25.33	30.26	33.24	25.39	27.94	25.71		112.28
	2	2	2		2	2	2	2	2	2		9.66

The g. is about 250 yds W. of the bank of H. George V. Reservoir.

1915 Pumping Station 45 ft high 117 ft N
 30. 45. 10. E 45

+ Inspected ed. 12. XII-13. G. found to be in perfectly open situation. Set at g. in. Recommended slightening but
 pipe from funnel to raising g. to 1 ft. above ground

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51.38.31	0.1.38	Ponders End			St. Matthew	1/2 m	W

RAINFALL at Ponders End Pumping Station,County of Middlesex Observer Met. Water BoardRiver Basin Thames - Lea - 2Type of Gauge Annual Average 23.3 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. S
985894/28

Diameter	5.											
Height	1.0.											
Altitude	45.			46'						45'		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	1.31	1.52	1.44	1.40	1.12	4.04	3.48	2.77	5.17	2.14	24.39	
February	1.90	1.14	1.20	1.12	2.19	1.58	3.89	1.64	1.75	1.32	13.73	
March	1.07	1.22	2.09	2.11	1.52	1.99	2.45	1.31	1.39	2.95	14.10	
April	3.16	1.94	1.73	2.10	2.93	1.41	2.97	1.15	3.04	1.45	19.88	
May	2.46	2.60	2.12	1.55	1.21	1.10	2.87	1.77	1.41	1.74	16.83	
June	1.11	1.65	1.94	1.12	3.49	4.04	1.70	1.33	1.18	1.60	16.16	
July	2.69	2.02	1.67	1.56	1.51	2.79	1.41	1.42	2.47	2.47	17.01	
August	4.64	1.54	1.52	2.28	1.45	1.34	1.66	2.00	3.41	1.08	17.92	
September	2.29	1.76	2.74	1.30	3.09	2.73	1.24	2.97	1.51	1.85	20.48	
October	1.50	4.77	1.18	1.10	3.30	1.61	2.06	2.50	5.48	2.45	24.95	
November	2.10	1.22	1.97	1.80	3.68	3.03	1.26	3.04	4.27	5.61	26.98	
December	1.77	1.49	1.37	4.81	2.63	1.53	3.09	3.19	1.96	1.23	19.07	
TOTALS	23.00	19.87	15.97	19.25	26.12	24.19	23.03	21.09	31.04	22.89	231.50	

Inspected 5/3/31 New 5" gauge recommended.

† Inspected 10/2/38 Gauge surrounded by hedge 4' high.

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. 890RAINFALL at Condens and Pumping Station

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County of Middlesex Observer Met. Waker BondRiver Basin Thames Lea-2

Type of Gauge.....

Annual Average 23.3 in. based on 20 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5File No. 893894/23

Diameter	5"			244	760							
Height	1'0"				1							
Altitude	45'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.47	2.05	4.26	1.36	1.65	1.46	1.61	4.25	.92	1.02		Total 21.05
February	2.07	.93	1.12	.93	1.42	2.60	1.43	1.35	1.08	3.25		16.18
March	2.93	2.15	.33	.07	.65	1.13	5.15	.52	.81	.60		14.34
April	1.44	1.06	1.07	1.26	.91	1.28	1.54	1.68	1.35	1.55		13.14
May	1.82	2.47	1.47	.51	2.79	2.52	.76	1.80	1.80	1.40		17.34
June	1.02	.24	1.40	1.57	1.61	2.48	3.09	1.94	.62	2.01		15.98
July	3.29	1.44	1.44	2.23	2.36	3.04	2.19	.75	2.44	3.60		22.78
August	4.46	2.40	1.04	2.42	.98	3.69	.05	2.75	1.76	1.93		21.48
September	.67	1.01	1.57	2.76	1.66	3.10	1.26	1.60	.18	2.22		16.03
October	.65	3.76	2.17	2.90	2.32	1.40	.12	1.76	5.08	.30		20.46
November	2.10	2.15	1.27	3.56	.28	3.65	.78	2.00	2.09	4.51		22.39
December	1.55	2.41	1.29	1.04	2.84	1.69	2.06	2.15	1.38	1.58		17.97
TOTALS	24.47 D	22.07 D	19.43 D	20.61 D	19.47 D	28.04 D	20.04 D	22.55 D	19.51 D	23.97 D		217.16 D

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. 860 T.F. 86RAINFALL at Ponders Pond Pumping Station

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County of MiddlesexObserver Met. Water BoardRiver Basin Thames Lea-2

Type of Gauge

Annual Average 22.2 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. 2
23.7 " 35 " un-weighted File No. 1216-1230 22624/58 E314/46

Diameter ...	5"			244	760						
Height ...	1'0"				1						
Altitude ...	45'				61						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.53	1.59	.90	1.08							
February ...	4.95	.78	1.26	2.09							
March ...	3.14	2.69	.48	2.08							
April ...	2.77	.92	2.57	.26							
May ...	2.26	1.09	1.22	1.73							
June ...	.64	1.24	1.15	2.69							
July ...	1.04	.70	4.06	2.49							
August ...	4.62	2.67	1.70	2.85							
September ...	2.78	3.08	1.65	1.31							
October ...	.63	2.25	2.78	2.08							
November ...	4.65	3.62	.70	3.30							
December ...	1.42	2.07	.57	1.75							
TOTALS ...	31.33	22.70	19.04	23.71							
	D	D	NP	NP							

Ins. 12.53. slight leak at junction of tube & funnel. Tree 43' high 45' S. side.
Tree 12' high 22' North. Tree 12' high 22' N.E.
1953 P.M.?

1954. N.P. low. 27.1.55. Alkumini like being found.
1955 Moved gauge to 873.1

Position of Station on Ordnance One-Inch map:

No. of Map. 161National Grid Reference 51/360956

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

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ NP up 13	✓	✓	✓	
	✓	✓	✓	✓	