

# RAINFALL AT Enfield Ponders End

Lat. .... Lon. .... County of Middlesex

Rain Gauge, by ..... Observer W. B. Bryan Esq. C. I. C.  
G. Thorne, Secy. W. Blackburn Esq. C. I. C.

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	1.85	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	.58	3.70	1.43	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	1.52	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

m f m s m f m s m f

+ Inspected

## RAINFALL at Ponders End Pumping Station

County of Middlesex

Observer Met Water Board

River Basin Thames - Lea

Copper Flasher Rain Gauge, by ?

funnel	$\left\{ \begin{array}{l} 100 \\ 80 \\ 60 \\ 40 \\ 20 \end{array} \right.$	glass	$\left\{ \begin{array}{l} .15-.166 \\ .30-.300 \\ .45-.452 \\ .50-.508 \end{array} \right.$
	as per scale MM 13		

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

Diameter ...	8.															Totals
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919						
January ...	1.70	1.43	3.53	3.09	.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						6.48
June .....	3.35	2.80	2.89	.63	1.44	1.14	2.13	1.54	.89	1.38						5.94
July .....	2.09	3.21	1.32	1.71	1.38	5.28	1.20	4.34	4.56	1.95						12.05
August .....	1.98	.75	4.61	No obs	1.31	2.60	5.83	3.73	1.67	2.39						3.61
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
																4.66

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

915 Pumping Station 45ft high 117 ft N  
Altitude 30° 45° 10° E of S+ Inspected 24.12.1913. G. sound & in perfectly open situation. Set at ground. Recommended straightening bent  
tube from funnel & raising g. to 1 ft. above ground.

Date.	Lat. N.	Longit.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
51.3831	0.3	0.138	Ponders End			St Matthews	1/6 m	W

### RAINFALL at Ponders End Pumping Station,

County of Middlesex

Observer Met. Water Board

River Basin. Thames - Lea - 2

*Type of Gauge.....*

Annual Average 23.3 in. based on 30 years obs. un-weighted. Period of average 1881-1915

Ref. S.

983894 | 28

Diameter	S.										
Height		1.0.									
Altitude		45°									45°
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total 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	.64	.76	1.32	13.73
March	.07	1.22	2.09	2.11	.52	.99	2.45	.31	1.34	2.95	14.10
April	3.16	1.94	.73	2.10	2.93	1.41	2.97	.15	3.04	1.45	19.88
May	2.46	2.60	2.12	.55	1.21	.10	2.87	1.77	1.41	1.74	16.83
June	1.11	.65	1.94	1.12	3.49	4.04	1.70	.33	1.18	.60	16.16
July	2.69	2.02	.67	.56	.51	2.79	1.41	1.42	2.47	2.47	17.01
August	4.64	1.84	.52	2.28	1.45	.34	1.66	2.00	3.41	.08	17.92
September	2.29	1.76	2.74	1.30	3.09	2.73	1.24	2.97	1.51	.85	20.48
October	.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	.97	1.80	3.68	3.03	1.26	3.04	4.27	5.61	26.98
December	.77	.49	.37	4.81	2.63	1.53	3.09	3.19	.96	1.23	19.07
TOTALS	23.00	19.87	15.97	19.25	26.12	24.19	23.08	21.09	31.04	22.89	235.50

Interpreted 5/3/51 New 5" gauge recommended.

+ Inspected 10/2/38 Gauge surrounded by hedge in hedge.

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

*Reference No.*

1 mile to 1 inch series							
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge

Station No. 290.

## RAINFALL at Panders End Pumping Station ✓

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County of Middlesex

Observer Met. Weather Board

River Basin Thames Sea-2

Type of Gauge

Annual Average 23.2 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. 293294/22

Diameter	5"			244	760						
Height	10"				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	Totals 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	1.65	3.76	2.17	2.90	2.32	1.40	.12	1.76	5.08	1.30	20.46
November	2.10	2.15	1.24	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	17.99
TOTALS	24.47	22.07	19.43	20.61	19.47	28.04	20.04	22.55	19.51	23.97	219.16 266

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

Station No. 890 T 1.F.86

RAINFALL at Ronders End Pumping StationCounty of MiddlesexObserver M&W Water BoardRiver Basin Thames - Lea - 2 -

Type of Gauge.....

Annual Average 23.2 in. based on 30 years obs. un-weighted. Period of average 1881-1915

Ref. S

23.7 - - - 35 " - un-weighted

1881-1915

1886-1950

File No. 890 T E 31/16

D 22624/50

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	1.48	2.08								
April	2.77	.92	2.57	.26								
May	2.26	1.09	1.22	1.73								
June	.54	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	Point P	NP								

1952. 53. slight leak at junctions of tube & funnel. Tree 43' high 45° S. auth.  
Tree 12' high 22° North. Tree 12' high 22° N.E.

1953. Point?

1954. NP. 27.1.55. Alternative site being found.  
1955. Mixed gauge to 893.7

Position of Station on Ordnance One-Inch map :

No. of Map 161

National Grid Reference 51/360956

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance 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 imp 13 ✓	✓	✓	✓	✓