

RAINFALL at Slawies Reservoir (Pumping Sta.)

County of Middlesex

Observer Met Water Board

Jaffa

River Basin Thames Catchment

Rain Gauge, by

Diameter ...			5								
Height			10								
Altitude		50						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...			3.45	2.43	.50	3.83	1.07	1.13	3.21	3.53	2.94
February ...			1.63	.83	2.72	3.12	3.59	.91	1.08	2.34	1.92
March			2.79	2.15	4.00	.92	4.08	1.88	.85	3.55	10.36
April07	2.60	.60	1.06	.87	1.97	3.40	2.42	8.66
May			1.08	1.70	1.26	3.16	1.56	1.59	2.42	.19	5.76
June			3.54	.96	3.75	.67	1.93	2.69	.86	1.20	6.68
July			1.38	1.24	2.23	4.26	1.02	5.91	4.58	2.97	14.48
August			4.45	1.35	1.51	2.30	4.33	4.47	1.00	2.14	11.94
September ..			2.57	2.00	.87	2.14	1.52	2.00	4.96	1.35	9.83
October ...			2.52	4.08	1.62	2.43	3.95	3.50	1.38	.68	9.51
November ..			1.67	2.23	2.47	2.15	4.15	1.08	2.22	1.49	8.94
December ...			2.64	1.01	6.74	5.83	2.72	1.13	2.29	4.19	10.83
TOTALS ...			27.79	22.48	28.17	31.57	30.79	28.26	28.25	26.05	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Staines Reservoir (Pumping Station)

County of Middlesex)

Observer Met. Water Board

River Basin Thames, Colne & Brent,

Old Copper Snowdon Rain Gauge, by M+2 (22)

4.85
5.15
4.98 } must be lined immediately & a new bottle.

new gauge measure not tested (22)

Diameter ...	6"					5					
Height	1.0					1.0					
Altitude ...	50					53					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.27	2.30	2.35	1.37	2.39	1.87					
February ...	1.43	1.28	2.15	3.17	1.59	3.69					
March	1.31	1.16	1.92	2.18	1.10	1.69					
April	3.27	77	2.85	1.97	3.43	1.98					
May	1.98	1.08	1.97	1.98	3.22	2.15					
June	2.55	2.24	1.09	2.8	2.79	2.02					
July	4.16	2.25	3.49	2.37	3.67	3.62					
August	1.50	1.03	2.40	1.60	2.38	2.00					
September...	1.90	2.05	1.72	1.53	3.05	2.92					
October	1.59	1.79	1.81	5.24	3.37	3.32					
November...	1.34	1.21	1.58	1.61	2.28	1.69					
December...	1.97	1.24	2.74	2.24	3.85	2.97					
TOTALS...	23.27	19.00	24.07	25.51	32.72	27.63					

Inspected S.S. 28-IV-22. S. in level meadow - very good site covered grass is kept down. Plane tree 15 ft. high 30 ft. N

Engine house 20 ft. high 60 ft. N.E.

Inspected 9.A.M. 2-10-24 Surveyor: G. W. Wilson.

See enc 15A

File 630279/25

Bennetts Pumping Sta.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1922			Staines				

RAINFALL at Staines Reservoir (Welb⁻ Side)

County of Middlesex Observer Metropolitan Water Board
N.B.W. Sect. E.
 River Basin Thames - Colne & Brent 1 (Up River SW)

Rain Gauge, by _____

Diameter ...					5"						
Height					1 0	1.6					
Altitude ...					53						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
										1930	
January ...						1.87	2.62	2.16	3.44	.98	3.15
February ...						3.67	2.26	3.56	1.47	.52	.86
March69	.25	2.43	1.46	.07	.92
April.....						1.98	2.60	1.66	1.74	.90	1.31
May						2.15	2.48	1.07	1.92	1.50	2.33
June02	2.74	2.99	2.33	.84	2.39
July						3.62	1.54	2.52	1.71	1.37	1.72
August						3.00	.94	3.01	1.89	1.60	3.10
September...						2.92	2.11	5.11	.88	.20	2.56
October.....						3.32	2.07	1.59	3.70	3.08	.88
November...						1.65	4.95	3.00	1.82	5.38	4.08
December...						2.74	.32	3.23	2.31	5.32	1.93
TOTALS...						27.63	24.88	32.33	24.67	21.76	24.93

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

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

RAINFALL at Staines Reservoir, East SideCounty of Middlesex)Observer Metropolitan Water Board
J.W. StentRiver Basin Thames - Colne & Brent. 1

(up River)

Snowdon Rain Gauge, by N+2round error X .16measure only reads to .4 (ft base)

Diameter ...					57					
Height					1.0		1.6			
Altitude ...					53					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...						1.84	2.65	2.33	3.53	.98
February ...						3.54	2.16	3.68	1.48	.52
March64	2.24	2.49	1.52	.05
April						2.26	2.60	1.72	1.51	.99
May						2.20	2.72	1.10	2.02	1.45
June02	2.86	2.96	2.36	.91
July						3.48	1.56	3.18	1.69	1.44
August						3.14	.98	3.09	2.10	1.70
September...						3.52	2.89	2.27	5.13	.92
October....						3.52	3.30	2.04	1.62	3.78
November...						2.86	1.72	5.02	3.08	1.85
December...						3.74	2.77	3.4	3.29	2.32
TOTALS...						..	27.80	25.34	33.67	25.08
						\$	D	D	D	D

Inspected P. 28-X.26. Is. on grass field just before road from Staines to Ashford meets reservoir embankment. Excellent exposure.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1924			Ashford			

RAINFALL at Staines Pumping StationCounty of Middlesex Observer Nat. Water BoardRiver Basin Thames below BrantwoodType of Gauge Snowdon

Annual Average in. based on years obs. un-weighted. Period of average Ref.

c 1933

£ 883.892/28.

Diameter	5"	1' 0"	55'	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January			1.39	.86	4.32	3.90	2.28	4.51	2.44					
February				.10	2.53	1.55	4.28	.36	.88	1.16				
March					2.11	2.27	1.05	3.14	.17	.87	2.92			
April					.67	1.55	2.88	1.64	2.22	.09	2.27	2.07		
May					2.45	.60	1.14	.48	2.54	1.63	1.44	1.47		
June					1.81	.89	3.34	3.11	2.04	.43	1.32	.74		
July					.97	2.90	.81	3.22	.81	.85	3.12	2.28		
August					.58	2.44	2.19	.62	1.51	3.01	2.14	.04		
September					2.89	1.45	3.16	2.52	1.93	1.33	.88	1.29		
October					1.56	1.48	2.52	1.66	2.58	2.37	4.32	2.69		
November					1.00	1.89	4.45	2.78	1.34	2.92	4.24	6.56		
December					.40	4.84	2.42	1.57	3.42	2.94	1.10	.94		
TOTALS				in	21.64	26.57	24.52	29.71		18.38	27.04	25.23		
				D	D	D	D	D	D	D	D	D	D	D

Imp. 6/3/35 :— 5 ft 9 in. should be raised to 1 ft. Measure broken and should be replaced. Estimate excellent.

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

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

RAINFALL at Staines Reservoir (West Side)

County of Middlesex Observer Met. Water Board

River Basin. Thames - Colne & Brent - I.

Type of Gauge.....

Annual Average .23.8 in. based on 8 years obs. un-weighted. *Period of average* 1881-1915 *Ref.* S
983892

Diameter	5.										
Height	1.6.										
Altitude	53.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean Total
January	1.13	2.11	2.03	1.35	.81	4.37	4.18	2.28	4.63	2.48	2537
February	1.50	.07	2.78	.09	2.47	1.62	4.40	.34	.87	1.76	1590
March	1.34	1.25	2.49	2.18	.31	1.05	3.12	.16	.48	3.16	1504
April	3.37	2.05	.71	1.53	2.87	1.69	2.29	.08	2.08	2.11	1848
May	2.60	4.11	2.19	.59	1.20	.49	2.69	1.62	1.49	1.37	1835
June	2.20	.70	1.43	.74	4.11	3.58	2.02	.37	1.26	.72	1713
July	3.02	2.01	.89	3.71	1.32	3.16	.80	.83	3.00	2.27	2101
August	4.30	1.11	.37	2.46	2.10	.56	1.49	3.23	2.24	.05	1491
September	1.90	2.14	2.31	1.58	3.23	2.54	2.03	1.35	.87	1.33	1925
October	.69	4.34	1.64	1.45	2.59	1.82	2.73	2.27	4.47	2.58	2458
November	2.26	1.29	.97	1.91	4.42	2.82	1.33	2.83	4.12	6.53	2848
December	.58	.39	.41	4.71	2.39	1.60	3.44	2.77	1.07	.94	1830
TOTALS	23.89	21.57	18.22	22.27	27.82	25.30	30.52	18.13	27.08	25.30	24010 KHY

Inst. 6/3/35 : Snodron, q. - halber measure sound and correct. Excellent exposure.

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

RAINFALL at Staines Reservoir (East Side)

County of Middlesex.

Observer Met. Water Board

River Basin - Thames - Celine & Brent - 1.

Type of Gauge

Annual Average 23.9 in. based on 8 years obs. un-weighted. Period of average 1881-1915. Ref. S.

891892/28

Diameter	5.										
Height	1.6.										
Altitude	53.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.11	2.01	1.96	1.30	.81	4.15	4.24	2.26	4.84	2.46	24.94
February	1.45	.07	2.69	.10	2.48	1.65	4.37	.33	.83	1.83	15.80
March	.33	1.21	2.48	2.19	.31	1.08	3.08	.17	.88	3.06	14.19
April	3.32	2.03	.69	1.50	2.82	1.64	2.28	.08	2.07	2.09	18.52
May	2.57	4.25	2.29	.65	1.16	.57	2.72	1.60	1.54	1.39	18.14
June	1.94	.77	1.28	.85	3.85	3.78	2.03	.42	1.27	.64	16.93
July	3.09	2.09	.89	2.97	1.47	3.39	.75	.92	2.78	2.33	20.68
August	4.21	1.21	.33	2.76	1.91	.67	1.33	2.85	2.47	.05	17.19
September	2.15	2.12	2.30	1.61	3.12	2.53	2.26	1.50	.84	1.38	19.86
October	.69	4.37	1.65	1.50	2.79	1.81	2.74	2.25	4.39	2.56	24.15
November	2.29	1.31	.94	1.87	4.40	2.84	1.21	2.78	4.11	6.55	23.30
December	.58	.39	.43	4.76	2.41	1.51	3.44	2.78	1.04	.96	18.35
TOTALS	23.73	21.83	17.93	22.06	27.53	25.62	30.45	17.94	27.00	25.30	23.945

Incl. 6/3/35 in snowdon g. slight leak in seam should be examined. Taper measure. Excellent exposure.

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

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

Station No. 8335/5

TF

RAINFALL at Skawness Pumping Station.

41

County of Middlesex.

Observer Met. Officer, Board.

River Basin Skawness, Colne & Burnt.

Type of Gauge Standard.

Annual Average ... in. based on ... years obs. un-weighted. Period of average ... Ref.

File No. 833892/22

Diameter	5"			283	958						
Height	1'0"				1						
Altitude	55'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.36	2.57	4.09	1.41	1.63	1.48	1.43	3.79	.94	.67	
February	2.01	.63	1.08	.65	1.50	2.24	1.34	.97	.92	3.56	
March	3.62	1.62	.40	.12	.43	1.01	4.68	.52	1.10	.77	
April	1.48	1.01	.72	1.17	1.11	2.26	1.55	1.34	1.38	3.05	
May	1.71	2.20	2.24	.44	1.80	3.17	1.49	3.12	1.89	1.48	
June	1.54	.28	1.17	1.44	1.92	2.42	2.71	3.16	.35	1.02	
July	3.75	1.28	2.63	1.57	4.21	2.00	1.84	.74	.53	3.90	
August	5.14	2.53	1.27	3.08	1.40	4.08	.36	2.88	1.76	2.87	
September	.36	.75	1.89	1.74	1.99	2.79	1.04	1.27	1.47	2.52	
October	.83	2.76	2.54	2.73	2.88	.86	.11	1.99	5.51	.30	
November	2.50	1.99	1.24	3.41	.21	4.13	1.01	1.60	2.19	4.98	
December	1.51	2.46	1.22	1.15	2.80	2.10	2.53	2.96	1.61	1.61	
TOTALS	26.81	20.08	20.49	18.91	21.88	28.54	20.09	24.34	19.65	26.73	

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. 833 T.F.

RAINFALL at Skawnes Reservoir (West Side) /

41

County of Middlesex

Observer Mr. J. A. Kenward

River Basin Thames, Colne & Brent.

Type of Gauge

Annual Average 23.2 in. based on 8 years obs. un-weighted. Period of average 1.8.21 - 1.9.5 Ref. S.

File No. 833892/28

Diameter	5"		283	965	✓						
Height	1' 6"			1			1' 0"	1' 6"	1' 0"		
Altitude	153			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total 40
January	2.39	2.62	4.29	1.45	1.65	1.48	1.52	3.84	1.03	1.69	21.12
February	2.00	.63	1.11	.71	1.57	2.41	1.36	1.04	.73	3.56	15.12
March	3.68	1.56	.39	.12	1.44	1.06	4.74	.57	1.02	.79	14.37
April	1.65	1.03	.77	1.20	1.13	2.28	1.54	1.53	1.41	1.77	15.34
May	1.66	2.32	2.60	.37	1.99	3.43	1.51	3.34	1.82	1.52	20.56
June	1.57	.28	1.12	1.42	2.06	2.42	2.77	2.96	.35	.93	15.88
July	3.72	1.34	2.67	1.63	4.21	2.09	1.90	.81	.66	3.95	22.98
August	5.36	2.62	1.25	2.86	1.40	4.37	.35	3.23	1.60	2.95	25.99
September	.36	.71	1.91	1.83	2.14	2.95	1.05	1.49	1.49	2.51	16.44
October	.78	2.78	2.65	2.86	3.02	.88	.08	1.97	5.61	.36	20.99
November	2.54	1.98	1.28	3.63	.21	4.82	1.04	1.70	2.25	4.66	24.11
December	1.50	2.61	1.25	1.04	2.90	2.13	2.46	2.87	1.49	1.74	19.89
TOTALS	27.21	20.38	21.29	19.12	22.72	30.48	20.32	25.35	19.49	26.43	232.79

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. 827 T.F.

41

RAINFALL at Skimers Reservoir (East Side).

County of Middlesex.

Observer Met. Weather Bureau

River Basin Thame, Colne & Brent.

Type of Gauge.

Annual Average 23.9 in. based on 5 years obs. un-weighted. Period of average 1.9.8.1.-1.9.15. Ref. S.

File No. 823.8.9.2/23.

Diameter	5"										
Height	1' 6"										
Altitude	53'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.40	2.63	4.29	1.46	1.65						
February	2.00	.63	1.09	.72	1.60						
March	3.70	1.59	.39	.12	.44	#					
April	1.65	1.08	.76	1.22							
May	1.67	2.33	2.54	.36							
June	1.60	.28	1.12	1.41							
July	3.82	1.33	2.73	1.64							
August	5.30	2.25	1.25	2.86							
September	.36	.74	1.94	1.85							
October	.84	2.78	2.67	2.87							
November	2.51	2.00	1.29	3.63							
December	1.53	2.63	1.21	1.23							
TOTALS	27.38	20.27	21.28	19.37	imp. np						

1945 gauge destroyed by passers-by. Owing to likelihood of recurrence it will not be replaced. (Note 1090)

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

RAINFALL at Plained Pumping StationCounty of MiddlesexObserver Met. Water BoardRiver Basin Thames - Colne - Brent, etc.Type of Gauge Standard M.O.W.I.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.

" " 24.22 " " 22 " 1934-55.

File No. E 3466/16
E 2624/53

Diameter	5"	8"	5"		283	958					
Height	1'0"					1					
Altitude	55'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.06	1.81	.71	1.00	2.12	3.68	1.82	2.38	2.18	2.03	
February	5.53	.78	1.30	2.06	1.27	.22	2.91	2.33	.11	1.91	
March	3.31	2.67	.38	2.18	.91	.57	.97	1.31	1.81	1.20	
April	2.30	1.33	2.42	.37	.27	1.19	.20	1.12	2.15	.50	
May	2.17	2.41	1.38	3.46	3.85	.22	1.05	2.46	.62	1.88	
June	.93	1.53	1.42	3.63	2.26	1.56	1.07	3.46	.36	1.91	
July	1.23	.44	3.53	2.38	.35	7.00	3.79	2.36	2.97	3.76	
August	3.48	3.30	1.60	3.14	.81	4.23	5.22	2.71	1.90	2.62	
September	2.62	3.24	1.73	2.26	1.67	2.02	2.54	3.41	.14	2.64	
October	.85	2.90	2.83	2.34	3.48	3.34	1.92	2.26	2.33	6.32	
November	5.65	2.85	1.10	4.08	1.29	.37	2.26	2.03	2.37	3.55	
December	1.61	2.55	.69	2.07	2.03	2.93	1.66	3.54	3.41	2.45	
TOTALS	32.74	25.81	19.09	28.97	20.31	27.33	25.41	30.07	20.35	30.77	
	D	D	D	D	D	D	D	D	D	D	

Ins. 5/54. Slight leak at junction of pipe and funnel sealed tightly on re-testing.
No action at present but needs to be watched. Excellent site.

INSP. MAY/1958. Joint at junction of funnel = d.tube. Tree 45° 80' NE. Small tree 30° NE well away
to the left. Lopped.

Revised 2/1957, H.P.B. - Recalibration carried out.

Inspected 6/1960 by H.H. Weller. Site of CNE otherwise satisfactory.

042719

Position of Station on Ordnance One-Inch map : No. of Map 170 National Grid Reference 51/076724

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	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
		c 1912	T 1924	rec. imp 33	✓	✓
		✓	✓	✓ loc. d 34, 35	✓	✓

Station No. 836 TF 86

51

RAINFALL at Glaziers Reservoir (West Side)County of MiddlesexObserver Met. Weather BoardRiver Basin Thames-Cherwell-BrentType of Gauge 11.0. M.L.T.

Annual Average 23.8 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. S
 " 24.94 " 31 " With 1925-56 " " 1916-1950 E 346 S/16
 File No. E 22626758

Diameter	5"			283	965						
Height	1' 0"				1				11"		
Altitude	53'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.12	2.03	.70	1.92	2.18	3.68	1.89	2.40	2.28	2.03	21.33
February	5.63	.77	1.39	2.07	1.30	.26	2.94	2.43	.13	1.98	18.90
March	3.62	2.74	.41	2.26	.96	.59	.98	1.24	1.85	1.22	15.87
April	2.47	1.59	2.43	.35	.31	1.31	.23	1.16	2.10	.51	12.46
May	2.37	2.55	1.57	3.00	4.0	.33	1.12	2.47	.74	2.00	20.15
June	1.00	1.45	1.50	3.70	2.34	1.67	1.10	4.01	.40	2.00	19.17
July	1.23	.53	3.49	2.48	.27	7.01	3.96	2.40	2.97	3.64	37.98
August	3.22	3.39	1.61	3.19	.88	4.32	5.04	2.82	1.96	2.74	29.19
September	2.74	3.21	1.90	2.24	1.66	1.95	2.54	3.41	.10	2.93	22.68
October	.98	3.00	2.95	2.40	3.58	3.36	2.03	2.24	2.37	6.51	29.42
November	6.00	2.92	1.30	4.37	1.35	.37	2.19	2.03	2.44	3.52	26.49
December	1.84	2.61	.73	2.20	2.09	3.01	1.67	3.64	3.44	2.46	23.69
TOTALS	34.22	26.79	19.98	29.28	20.92	27.86	26.69	30.25	20.78	31.54	267.31
	D	D	D	D	D	D	D	D	D	D	

Inv 5/54. No inner can. 5.5ound. Grass very long round g. Situated on Sunken N-S road between two reservoirs.

INSP. MAY 1958 J. BOY. Trees 5', 25' WSW but overgrown to S. Bottle not used. Infra-red

Infra-red (45°, HOB). Tubs removed and bottle replaced.

Inspected 6.10.60 by J. H. Baker. Reasonably satisfactory but open to prevailing N or S winds.

Position of Station on Ordnance One-Inch map : No. of Map 170 National Grid Reference TF (S.1) 046730

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	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
			c 1925	✓	✓	✓
			✓	✓ bwd 31-33	✓	✓