

RAINFALL AT West Molesey Chelsea Water Works

Lat.

Lon.

County of Surrey

Rain Gauge, by

Observer

R. Black Esq. Ch.

St. James - Mole.

Diameter					5						
Height					1.0						
Altitude					32						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						1.38	.57	2.06	.90	2.42	
February ....						.11	.26	2.16	1.12	2.30	
March						1.05	3.09	3.79	1.15	.54	
April						1.47	.64	1.37	.92	2.11	
May .....						.46	.33	1.59	2.58	1.37	
June .....						.19	2.20	3.77	1.27	1.45	
July						4.39	1.97	1.16	.69	.56	
August						2.50	2.70	2.50	1.15	.46	
September....					#	1.07	1.33	5.81	1.90	.60	2.39
October						4.25	2.75	2.55	.60	3.34	2.19
November....						3.10	3.53	1.15	1.05	2.48	4.12
December						1.79	2.28	3.35	2.37	2.42	1.35
TOTALS . . .						21.44	24.62	24.32	18.62	21.26	

1896 West Molesey 1.10 miles S E
 Engine House 2 1/2 m. high 55 ft S E

RAINFALL AT West Molesey

H. J. Butler
149

Lat. Lon. County of Surrey East

London Rain Gauge, by Canella 7652 Observer R. Hack Esq. Ch.
5/ Thames. Mole. H. E. H. W. Esq. Ch.
Met. Water Board St. L.

Diameter ..	5											
Height	10											
Altitude ..	32											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	2.94	.98	.74	2.28	2.74	.95	3.50	.56	1.92	.69	1.750	
February ..	3.86	1.32	.80	.98	2.41	.64	1.61	1.19	.88	.37	1.406	
March	1.04	1.93	1.67	2.25	1.89	3.28	.98	.75	2.55	2.84	1.868	
April .....	.86	1.89	.73	1.76	1.03	1.34	.37	3.23	2.43	1.47	1.511	
May	1.31	.26	2.27	1.85	2.16	.38	2.11	1.60	1.73	1.51	1.518	
June	2.22	1.19	3.76	6.63	.80	4.82	2.23	2.22	2.03	3.81	2.971	
July .....	.99	2.55	1.27	3.73	2.15	.63	.67	1.34	2.31	3.33	1.897	
August	2.80	1.92	3.30	3.42	1.59	2.29	.93	2.14	2.86	1.99	2.324	
September ..	.55	1.00	2.95	3.79	1.50	1.79	2.14	.44	1.24	2.31	1.771	
October	1.60	1.52	1.55	5.26	1.54	1.25	3.37	3.86	2.32	3.22	2.549	
November ..	1.67	.45	1.66	1.61	1.56	3.02	3.79	2.06	.53	.53	1.681	
December ..	2.32	3.05	1.26	1.63	1.97	.73	1.94	3.04	1.87	2.26	2.017	
TOTALS ..	22.16	18.06	21.96	35.19	20.84	21.12	23.64	22.43	22.67	24.43	22.50	

1900 West Molesey Church 1.10 mile SE

Engine House 21 ft high 55 ft SE

1906 Hamptonford Station 3 miles E

+ Inspected 27.7.06. 149 m. g. on gravel, free exposure, near river

RAINFALL at West Molesey, Walton Works 1489County of SurreyObserver Met Water Board #8 W. H. H. H.River Basin Thames - Mole 5Rain Gauge, by Casella
7652

Diameter ...	5										
Height	1' 0		0 6								
Altitude ...	49 ft	28 ft	35 ft								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.53	1.17	3.23	2.29	.45	3.57	.96	.82	2.95	2.93	1.990
February ...	2.59	1.07	1.53	.84	2.49	3.60	2.87	.63	.75	1.87	1.824
March .....	.90	1.42	2.30	2.57	4.03	.67	4.25	1.67	.80	2.81	2.145
April	1.12	1.91	.01	2.43	.65	.90	.76	1.67	2.64	2.02	1.411
May	1.65	1.98	1.09	1.76	1.14	3.16	1.99	1.67	1.94	.13	1.651
June	2.42	1.88	3.17	.54	3.06	1.42	1.72	3.10	.67	1.04	1.902
July	2.62	1.26	1.45	1.57	2.22	3.59	1.34	5.58	4.60	2.10	2.632
August	1.76	.96	4.62	1.29	1.17	2.08	3.13	3.38	.98	1.92	2.139
September ..	.77	1.10	2.27	1.55	.82	2.19	1.20	1.87	4.99	1.53	1.829
October ...	2.57	3.15	2.26	3.78	1.22	2.65	3.77	2.93	.91	.55	2.379
November ..	2.55	3.37	1.55	2.15	2.36	1.70	3.77	.74	1.77	1.21	2.117
December ...	3.27	5.24	2.68	.93	5.84	5.30	2.15	1.20	1.56	3.21	3.138
TOTALS ...	23.75	24.51	26.16	21.80	25.45	30.82	27.91	25.26	24.59	21.32	25.157

1910 Engine No 25 ft high 10 yds N
 1912 Pump Gauge moved 300 yards S W
 Shed 20 ft high 30 yds W
 1910 Engine House 45 ft - 70 yds S.

99.08

99.08

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Hamptonford	1.12 miles 2.29 miles	NE E	Dalton W Molesey	1 1/2 m 1 1/4 mile	S W S S E

RAINFALL at West Molesey Walton WorksCounty of SurreyObserver Met. Water BoardRiver Basin Thames-Mole 67

H. B. W. Stent

Cu. Snowden Rain Gauge, by Casella
 5.01 }
 4.97 } funnel slightly dented '22
 4.96 } 1632

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 .03 .042
 .04 .056
 .05 .070
 .06 .084
 .07 .098
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 7.57 10.598
 7.58 10.612
 7.59 10.626
 7.60 10.640
 7.61 10.654
 7.62 10.668
 7.63 10.682
 7.64 10.696
 7.65 10.710
 7.66 10.724
 7.67 10.738
 7.68 10.752
 7.69 10.766
 7.70 10.780
 7.71 10.794
 7.72 10.808
 7.73 10.822
 7.74 10.836
 7.75 10.850
 7.76 10.864
 7.77 10.878
 7.78 10.892
 7.79 10.906
 7.80 10.920
 7.81 10.934
 7.82 10.948
 7.83 10.962
 7.84 10.976
 7.85 10.990
 7.86 11.004
 7.87 11.018
 7.88 11.032
 7.89 11.046
 7.90 11.060
 7.91 11.074
 7.92 11.088
 7.93 11.102
 7.94 11.116
 7.95 11.130
 7.96 11.144
 7.97 11.158
 7.98 11.172
 7.99 11.186
 8.00 11.200
 8.01 11.214
 8.02 11.228
 8.03 11.242
 8.04 11.256
 8.05 11.270
 8.06 11.284
 8.07 11.298
 8.08 11.312
 8.09 11.326
 8.10 11.340
 8.11 11.354
 8.12 11.368
 8.13 11.382
 8.14 11.396
 8.15

Molesley

RAINFALL at West Molesey (Wotton Works)

County of SurreyObserver Met. Water BoardRiver Basin Thames - Mole & C5

Type of Gauge.....

Dated 12/40 23.1Annual Average 23.5 in. based on 15 years obs. un-weighted.Period of average 1885-1915Ref. T.W.S." 23.0 compiled by W. Smith (1940)Ref. 12/40/20883 892 / 18

Diameter	5										
Height	0 6				1 0						
Altitude	35				18						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.09	1.56	1.40	1.37	.83	3.61	3.74	2.27	3.94	2.51	2232
February	1.26	.17	2.87	0.19	2.34	1.65	2.94	.34	0.86	1.44	1506
March	.24	1.26	2.56	2.02	.26	1.03	3.00	.22	0.90	3.36	1485
April	3.63	2.31	.61	2.03	3.33	1.56	1.93	.06	2.23	1.83	1952
May	2.34	4.83	2.38	0.42	1.28	.56	2.30	1.49	1.45	1.31	1836
June	1.37	1.06	1.65	0.85	3.00	3.57	2.26	.49	1.69	.55	1649
July	3.01	2.31	1.81	2.31	1.48	2.81	.66	1.09	2.13	2.56	2017
August	4.26	.90	.58	1.77	2.38	.70	2.71	1.98	2.44	.14	1806
September	1.91	2.22	2.53	1.37	3.15	1.96	1.77	1.62	0.88	1.25	1866
October	.64	5.07	1.65	1.09	2.31	1.97	2.97	2.34	4.70	2.25	2499
November	2.29	1.10	.80	2.07	4.42	2.90	1.30	2.94	4.85	6.74	2941
December	.53	.46	.50	5.02	2.27	1.76	4.18	3.07	0.81	1.04	1964
TOTALS	22.57	23.25	19.34	20.51	27.25	24.08	30.76	17.91	26.88	24.98	23753

Insp. 6/3/35: - g. and measure satisfactory. Run of g. to be set at 1 ft above ground. Excellent Exposure.

1940 Jan. corr'd. for snow

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, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 1119

T.F.

RAINFALL at West Molesey (Wotton Works) ✓

41

County of Surrey

Observer Mat. Water Board

River Basin Thames Mole & S.

Type of Gauge

Annual Average 23.1 in. based on 15 years obs. un-weighted. Period of average Ref. I.N.S.

File No. 883892/23

Diameter	5"			28.4	089							
Height	1' 0"				1							
Altitude	35'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.37	2.18	4.78	1.58	1.77	1.54	1.81	3.52	1.06	.81	21.42	
February	1.95	.81	1.26	.69	1.39	2.36	1.20	.99	.83	3.46	14.94	
March	3.29	1.64	.37	.09	.96	1.01	4.59	.48	.78	.71	13.92	
April	1.61	.93	.85	1.27	1.18	2.31	1.55	1.04	1.58	2.83	15.15	
May	1.37	2.84	2.01	.95	2.00	2.89	1.34	2.21	2.98	1.38	19.97	
June	1.85	1.35	1.22	1.84	1.46	2.64	2.65	2.48	.42	3.89	19.80	
July	2.66	1.98	2.28	1.86	3.50	2.42	2.35	.89	2.01	3.20	23.15	
August	4.96	2.43	1.21	2.55	1.58	3.87	.54	3.35	1.69	1.74	23.92	
September	.45	.65	1.85	2.36	2.13	2.87	.99	1.27	.28	2.39	15.24	
October	.97	3.33	2.26	2.85	2.44	1.15	.14	2.16	5.28	.36	20.94	
November	2.48	1.96	1.39	3.76	.35	3.71	1.17	1.61	1.97	4.67	23.07	
December	1.44	2.18	1.40	1.31	3.09	2.11	2.61	2.36	1.52	1.40	19.42	
TOTALS	25.40 D	22.28 D	20.88 D	21.11 D	21.85 D	23.88 D	20.94 D	22.36 D	20.40 D	26.84 D	230.94 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. 149

T.F. 86

RAINFALL at WEST MOLESLEY (WATSON WORKS)

51

County of SURREYObserver MET WATER BOARDRiver Basin S THAMES & MOLESType of Gauge N.O. M.I.I.Annual Average 83.1 in. based on 15 years obs. un-weighted. Period of average 1916-1950 Ref. 1.13
" " 23.66 " " 29 " Whitfri 1927-56 " " File No. E 22624/52 E 3466/46

Diameter ...	5"				284	089						
Height ...	1'0"					1						
Altitude ...	35'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.11	1.85	.83	1.03	1.92	3.58	1.36	1.90	2.03	1.99	1960	
February ...	5.66	.73	1.05	2.05	1.14	.15	2.78	2.03	.08	1.79	1746	
March ...	2.90	2.62	.41	1.98	.83	.44	1.06	1.02	1.75	1.85	14.36	
April ...	2.79	1.35	2.09	.31	.21	.91	.31	1.02	2.11	0.56	1156	
May ...	2.09	2.10	1.26	1.61	3.31	.14	1.04	2.36	.74	1.71	16.36	
June ...	.84	1.83	1.38	4.17	2.52	1.77	.71	3.56	.50	1.50	18.78	
July ...	1.26	.44	3.57	2.09	.20	5.13	2.91	1.73	1.72	3.14	22.22	
August ...	2.99	3.59	1.37	3.41	.99	2.47	3.72	3.12	1.15	2.56	25.17	
September ...	2.22	3.38	1.95	1.87	1.71	2.21	2.35	3.50	.02	2.17	21.38	
October ...	.70	2.62	2.70	1.78	2.33	1.78	1.62	1.88	2.04	5.28	22.73	
November ...	5.48	2.64	1.11	3.39	1.05	.40	2.25	1.72	2.58	3.97	24.59	
December ...	1.72	2.10	.51	1.96	1.93	2.73	1.68	2.58	2.93	2.17	20.31	
TOTALS ...	31.76	25.28	18.23	25.65	18.14	21.71	21.79	26.42	17.65	27.99	234.62	W.M.
	D	D	D	D	D	D	D	D	D	D	D	

1951 low bar print.
 1/25/54. E. ground. Good file.
 1/25/54. 1/25/54. Slightly over-exposed to SW
 Inspected 6.10.60 by J.H. (when rubble removed) otherwise satisfactory

Position of Station on Ordnance One-Inch map :

No. of Map 1.60National Grid Reference 51117684

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

Summary of Earlier Records from 10-year Sheets :

See dated 1928

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