

RAINFALL AT Purley Pumping Station

Lat. Lon. County of E. Surrey

Symons Rain Gauge, by Townsend Mercer Observer A. Cornwall-Walker Esq.
4 - Thomas Wandle.

Diameter						5					
Height						1 0					
Altitude						215 ft					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January						1.13	4.82	1.04	1.66	1.13	
February						1.00	2.39	1.51	1.55	.94	
March						3.11	1.13	.86	3.75	3.66	
April						1.68	.68	3.12	2.55	2.01	
May88	1.52	1.97	2.38	1.19	
June						5.39	2.90	2.20	1.70	2.76	
July						1.95	.75	1.32	3.13	3.71	
August						2.51	1.36	2.40	3.87	2.16	
September						1.90	1.61	.56	1.35	3.45	
October						1.23	4.16	4.34	2.56	4.74	
November						4.29	4.95	2.72	.79	1.12	
December52	1.55	3.46	2.75	3.67	
TOTALS						25.59	27.82	25.50	28.04	30.54	

D D D D D

1905 Purley Parish Church 700 yards
Purley Station 190 "

N E 1906

N.W. 1906

E 1906

N.E. 1906

SW 1906

N.W. 1906

N.E. 1906

Offices 19 ft high 60 ft
1907 Hedge 2ft 6" high 20 + 21 ft

RAINFALL at Purley Pumping Station

County of Surrey

Observer

A. E. Cornwall-Walker Esq.

2nd Surveyor to C.R.D.C. Redhill

River Basin Thames - Wards 4

Symons Rain Gauge, by T. Sonnenschein & Mercer

Diameter ...	5												
Height	1	0											
Altitude ...	215	A											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...	2.42	1.42	3.10	4.11	.70	4.32	1.20	1.59	3.31	3.75	2.592	7.19	9.75
February ...	4.19	1.37	2.25	.95	4.44	5.39	4.59	.82	1.30	2.57	2.787	7.28	
March	1.43	2.13	4.12	2.81	4.41	.65	4.69	1.72	1.06	3.84	2.686	11.31	
April	1.74	2.22	.09	2.97	.91	1.53	1.31	2.68	4.24	3.18	2.087	11.41	
May	2.02	1.39	1.22	1.55	1.36	3.01	2.86	1.65	2.14	.12	1.732	6.77	
June.....	2.42	2.20	3.06	.26	1.11	.71	2.86	1.67	.91	1.16	1.636	6.60	
July	2.46	.38	2.04	2.79	1.84	3.54	1.21	5.19	6.14	2.05	2.759	14.59	
August	3.55	.85	5.59	1.95	1.61	2.18	3.23	5.51	1.07	2.71	2.825	12.52	
September ..	1.09	.99	3.61	2.02	.75	2.08	1.49	2.75	4.91	1.40	2.109	10.55	
October ...	2.91	4.23	2.82	4.17	1.63	2.34	4.37	4.10	1.90	1.00	2.947	11.37	
November ..	3.47	4.49	2.36	2.85	3.85	2.67	5.72	1.65	2.72	1.67	3.145	11.76	
December ...	4.41	7.06	3.38	1.22	8.21	5.70	3.18	1.97	2.93	4.28	4.254	12.50	
TOTALS ...	32.11	28.68	33.64	27.65	30.82	34.12	36.71	31.30	32.63	27.93	31.559		
	7	7	7	7	7	7	7	7	7	7	7		

1910 Office's 1900 high 60 ft S. E.
 1911 Ridge 25 ft " 21 " N.E.
 1919 Dwy Hall 22 " 64 N.E.

(128.57)

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Purley	190 yds 400 ft "	E	Purley Chapel St. Mary's Ch.	700 yds 1/2 mi	N.E.

RAINFALL at Purley Pumping Station

County of Surrey

Observer A. E. Cornwall Walker Esq.

River Basin Thames - Wandle 4

East Surrey Water Co

Cu B.A. Symons

Rain Gauge, by Townsend & Son.

nam (large, of Leibnitz and Mercer mounted in iron holder) insufficient capacity (suggested bottle) + inner can opportunity Cisley .

99) would be better
99) insufficient capacity (suggested bottle)
00) + inner can opportunity costay .

Impenetrable C. 24 x 11-22. S. on top of covered reservoir, well sheltered at S.E. end. range is in poor condition but no rabbit can be found within the site.

17.XI.30 Inspected. Gow covers red. Recommends that go be work to very site
on ground level see green file.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series

Professoras. N.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1920.			Purley	190 yds (a) 300 yds E NE	Purley Parish Church	700 yds NE

RAINFALL at Putney (Pumping Station)

County of Surrey.

Observer A. E. Cornwell-Walker, Esq.

River Basin Thames. Wandle 4

Type of Gauge H.O.

Annual Average 29.3 in. based on 34 years obs. un-weighted. Period of average 1881 - 1915. Ref. T.H.S.

667036/26

Diameter	5											
Height	1.3			1.0								
Altitude	225			214								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.18	3.33	2.27	2.46	1.27	5.89	5.89	3.02	5.73	2.52	34.56	
February	2.26	3.4	3.05	1.43	3.73	2.32	5.14	1.92	1.67	2.25	22.11	
March	1.37	1.82	3.92	2.77	2.26	1.31	4.03	1.42	1.43	3.71	20.04	
April	4.58	2.48	.68	3.19	3.24	1.96	2.74	1.26	2.88	2.11	24.12	
May	3.04	4.67	2.57	.72	1.42	1.41	2.53	2.19	2.02	1.14	20.91	
June	2.07	1.08	2.26	1.02	2.99	2.74	1.62	1.61	1.05	.29	15.73	
July	2.79	2.31	2.02	1.85	1.27	4.15	.87	1.94	2.79	2.56	22.55	
August	4.60	1.07	.81	2.33	3.43	1.51	2.99	4.07	3.40	.04	24.25	
September	1.74	2.02	2.70	1.55	3.90	2.85	2.51	2.68	1.72	1.59	23.26	
October	.77	6.08	2.29	2.10	4.37	2.47	3.66	3.34	6.60	3.61	35.29	
November	3.48	1.16	1.31	2.83	5.36	4.69	2.05	4.13	5.33	8.17	38.51	
December	.81	.76	.47	7.72	4.60	3.77	4.81	3.81	1.92	1.48	30.15	
TOTALS	28.69	27.12	24.35	28.97	35.84	34.07	38.84	27.39	36.54	29.47	311.28	

1931. Grass Bank 10' 6" high, 39' 6" low.
- Jan. 17. New h. on new site 90' N.

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. 95

RAINFALL at Penshaw Pumping Station

41

County of County

Observer A. E. Lawrence, F.R.C.S., CBE.

River Basin Tees, Wear, Tyne, etc.

East Surrey Water Co.

Type of Gauge M.Q.

Annual Average 29.3 in. based on 34 years obs. un-weighted. Period of average 1891-1915 Ref. I.W.S.

File No. b6703b/2b

Diameter	5"			281	567						
Height	1' 0"				1						
Altitude	214'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.22	3.21	6.18	2.10	2.34	3.54	2.25	4.03	1.50	.98	27.41
February	2.82	.65	2.05	.70	1.91	2.43	1.37	1.48	1.44	5.28	20.13
March	3.28	2.08	.29	.07	1.27	1.62	5.55	1.02	.92	1.39	17.49
April	2.05	1.77	1.10	1.41	1.37	2.49	1.91	1.76	1.73	3.34	18.93
May	2.04	3.29	2.76	.48	2.89	3.12	1.44	1.59	1.72	1.27	20.60
June	1.99	.73	1.31	1.84	1.98	3.39	2.68	2.97	1.16	1.60	19.65
July	2.70	2.26	1.55	2.08	3.87	3.35	1.15	1.19	1.41	2.84	21.39
August	4.00	2.26	1.33	2.66	2.02	4.46	.22	3.74	1.71	1.87	24.26
September	.51	1.99	1.53	2.90	2.02	3.06	1.29	1.89	.39	3.03	18.59
October	1.04	3.87	3.10	4.30	3.08	1.38	.29	1.94	6.55	.39	35.94
November	3.03	1.97	1.49	4.55	.25	4.67	1.00	1.95	2.93	6.33	28.17
December	2.20	3.32	2.29	2.76	3.72	3.09	2.86	4.26	1.37	1.88	27.45
TOTALS	27.88	27.42	24.98	25.85	26.72	34.60	22.01	27.82	22.83	30.20	270.31

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

Reference No.

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

Station No.

95

RAINFALL at Purley (Pumping Station)

51

County of Surrey Observer East Surrey Water Co.

River Basin 4 Thames Middle

Type of Gauge M.O. MKII anerosp.

Annual Average 29.3 in. based on 34 years obs. un-weighted. Period of average 1881-1915
 30.15 " " 35 " 1916-1950 Ref. 1.23
 1916-1950 P
 File No. 66702/26
 E 22229/26

Diameter ...	55"			287	567						
Height ...	1' 0"				1						
Altitude ...	314'				57						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.09	2.56	1.83	1.43	2.98	4.63	1.89	2.55	2.76	2.71	2.743
February	7.10	1.98	1.54	2.54	1.83	.38	3.65	2.13	.06	2.24	2.245
March	3.51	2.62	1.44	2.39	1.24	.94	1.02	1.36	2.37	1.89	1.778
April	2.91	1.36	2.59	.33	.27	1.45	.19	1.45	2.68	0.71	1.400
May	2.16	1.19	1.87	3.10	4.09	.26	1.60	2.34	.97	1.59	1.927
June	.93	1.59	1.69	3.45	2.17	2.90	1.01	0.86	.92	1.16	2.068
July	2.50	.76	3.79	2.62	1.02	5.89	3.08	2.65	1.28	3.14	2.662
August	3.56	2.95	1.70	3.22	1.48	2.99	2.77	2.99	1.32	3.52	2.650
September	3.02	3.06	3.73	2.29	2.11	2.43	2.35	5.54	.21	3.42	2.821
October	1.08	3.11	4.04	2.00	3.71	1.30	1.73	3.59	2.51	6.27	2.934
November	6.70	3.04	1.60	5.76	1.11	.84	3.13	1.74	3.62	5.21	3.331
December	3.02	2.62	.41	2.21	2.58	3.91	2.55	3.34	5.55	3.09	2.957
TOTALS ...	40.70	26.33	25.53	31.34	26.59	28.02	24.97	34.49	24.25	34.94	29.516
	D	D	D	D	D	D	D	D	D	D	D

Inspected 18.1.55 Mr. P.H. G. Deebas. Gauge leaks, measure certified. Site reasonable beside Kitchen garden in grounds P/S building 40' E 70°, but only the top corner stables.

Position of Station on Ordnance One-Inch map : No. of Map ... (70) National Grid Reference TQ 312 614

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

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