

RAINFALL at Kenley Pumping StationCounty of SurreyObserver A.E. Cornwall-Walker EsqRiver Basin Thames - Wandle 4Bit ofRain Gauge, by Townsend & Mercer

Diameter ...	5												
Height .....	10			1.6									
Altitude ...	264 ft		284 ft	275									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	1916-19	SUMS
January ...	2.47	1.19	3.00	4.13	.79	4.68	1.41	1.57	3.28	4.26	2.678	10.52	
February ...	4.31	1.60	2.33	1.09	4.64	5.63	4.36	.86	1.45	2.47	2.874	9.14	
March .....	1.49	2.17	4.28	2.84	4.90	.61	4.61	1.54	1.08	4.08	2.760	11.31	
April .....	1.99	2.26	.07	3.04	1.04	1.64	1.43	2.59	4.43	2.95	2.144	11.40	
May .....	2.13	1.55	1.21	1.43	1.38	2.93	3.09	1.81	2.26	.13	1.792	7.29	
June .....	2.52	2.26	3.14	.30	1.20	.77	3.15	1.68	.75	1.12	1.689	6.70	
July .....	2.48	.29	1.87	2.30	1.94	3.91	1.47	4.89	6.20	1.91	2.726	14.47	
August .....	3.80	.64	5.65	1.88	1.89	2.86	3.01	5.86	.98	2.50	2.907	12.35	
September ..	1.24	1.20	3.67	1.68	.78	1.97	1.45	2.81	5.75	1.55	2.210	11.56	
October ...	2.98	3.91	2.91	4.39	1.73	2.39	5.34	4.17	2.02	.95	3.079	12.48	
November ..	3.52	5.08	2.53	2.90	4.13	3.05	5.77	1.68	2.45	1.85	3.296	11.75	
December ...	3.77	7.45	3.41	1.25	8.61	6.23	3.24	2.25	2.68	4.59	4.348	12.70	
TOTALS ...	32.70	29.60	34.07	27.23	33.03	36.67	38.33	31.71	33.33	28.36	32.503		

1910 Hedge 3 ft high 11 yards SE  
 1916 Bank 7.6 " 51.0 ft NW  
 1919 Quarry Wall 25 ft - 48 ft 12.

131.73

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Kenley	530 yds	NW	all Saints	1033 yds	SW

RAINFALL at Hinley Pumping StationCounty of SurreyObserver A. E. Cornwall Walker Esq.River Basin Thames - Wandle &East Surrey Water Co.

Brit. Ass. Rain Gauge, by \_\_\_\_\_

Total

	Diameter ...													
	5"													
	Height .....	1	6											
	Altitude ...	275					273					275		
	Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930		Means
30.26	January ...	3.27	2.48	3.34	1.68	2.58	2.50	3.30	2.54	4.02	1.21	3.34	2.75	
24.10	February ...	.68	.25	2.75	4.42	.69	4.75	2.50	4.82	1.44	.62	.85	2.19	
17.69	March .....	1.93	1.70	2.25	2.16	1.24	.76	.35	3.12	2.69	.06	1.43	1.61	
29.66	April .....	3.55	1.23	3.43	2.20	4.29	3.09	5.00	1.98	2.18	1.11	1.60	2.70	
22.33	May .....	.75	1.62	.99	3.04	3.75	2.09	1.55	1.03	2.13	2.09	3.29	2.03	
19.11	June .....	1.76	.28	1.54	.49	2.63	.16	4.06	3.53	2.84	1.14	.65	1.74	
29.73	July .....	4.82	.16	3.39	2.53	3.75	3.75	2.15	2.42	1.99	2.55	2.22	2.70	
28.66	August .....	1.52	1.40	2.75	2.51	3.14	2.62	2.25	4.18	2.88	2.15	3.24	2.60	
26.23	September...	3.20	1.20	2.15	1.61	4.22	3.04	1.23	5.03	.84	.12	3.59	2.38	
33.24	October .....	1.50	.85	1.40	6.34	3.82	3.63	3.00	1.67	5.95	3.78	1.30	3.02	
37.49	November...	1.45	1.75	2.01	2.04	3.64	3.13	6.53	2.91	2.46	6.70	4.57	3.41	
36.46	December...	2.61	1.72	4.74	2.76	4.00	2.83	.55	4.33	3.18	7.41	2.33	3.32	
334.94	TOTALS...	27.04	14.64	30.74	31.78	37.75	32.35	32.47	37.51	33.26	28.94	28.41	30.45	
		D				D	D	D	D	D	D	D	D	

17. XI. 30. Imperfect. On top of covered Res. Suggested new gauge to set up on ground level. See Green File.

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
1920			Hinley	530 yds	N.W.	All Saints	1033 yds	S.W.

RAINFALL at Kentley Pumping StationCounty of SurreyObserver A. E. Cornwell-WalkerRiver Basin Thames Wandle &Type of Gauge u.o.Annual Average 29.0 in. based on 7 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. I.W.S.  
29.0 is compiled by the comd (414) of 12/12/100 667036/26

Diameter	5										
Height	1 1/2			1.0							
Altitude	275										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.16	2.94	2.08	2.14	1.16	5.56	4.80	2.79	4.68	1.99	3030
February	2.33	.35	2.67	.42	3.46	2.22	4.22	.68	1.56	1.86	1977
March	.43	1.86	3.77	2.68	.29	1.32	3.84	.38	1.46	3.30	1933
April	4.48	2.65	.67	3.62	3.18	1.98	2.27	.24	2.69	2.20	2408
May	3.15	4.37	1.87	.65	1.39	.34	2.11	2.23	1.80	1.08	1899
June	1.73	1.04	2.44	1.19	3.01	2.64	1.88	.52	.92	.41	1548
July	2.70	2.45	1.85	1.65	1.18	3.91	1.06	1.81	2.69	2.49	2176
August	4.81	1.23	.69	2.25	2.87	1.50	3.04	3.29	3.37	.02	2307
September	1.70	2.01	2.64	1.57	4.36	2.55	2.04	2.77	1.59	1.90	2313
October	.78	6.11	2.17	2.26	4.19	2.28	2.85	2.87	5.93	3.25	3269
November	3.70	1.14	1.32	3.13	5.59	3.91	1.90	3.47	4.88	7.05	2609
December	.75	.61	.49	7.77	4.19	2.71	4.21	3.31	1.61	1.36	2701
TOTALS	28.72	26.76	22.66	29.33	34.84	30.92	34.02	24.36	33.18	26.91	29170

1931. Dwarf wall 2' 6" high, 7' 6" N. E.

- Jan. 17. New g. fitted on new site, 20 yds. S. E.

from 1936 new gauge was broken &amp; replaced

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	Parish Church.	Distance from gauge	Direction



Station No. 90

RAINFALL at Kensley Pumping Station

41

County of SurreyObserver A. E. Marshall Walker Esq. C.B.E.River Basin Thames-Middle

East Surrey Water Co.

Type of Gauge M.O.Annual Average 29.2 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref I.W.S.File No. bb7036/26

Diameter	5"											
Height	1' 0"											
Altitude	275'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.89	2.83	5.38	2.00	2.26	2.47	2.15	3.73	1.30	1.04	25.05	
February	2.68	.56	1.42	.74	1.81	2.32	1.62	1.82	1.43	5.08	1948	
March	3.27	1.83	.30	.03	1.14	1.68	5.93	.83	.92	1.40	1733	
April	2.16	1.58	1.11	1.62	1.25	2.51	2.06	1.59	1.65	3.54	1907	
May	1.86	2.75	2.73	.62	2.89	3.01	1.66	1.93	1.77	1.23	2045	
June	2.11	.46	1.42	1.43	2.09	3.36	2.75	3.26	1.08	1.34	1930	
July	2.49	1.83	1.68	1.88	3.65	3.40	1.35	1.45	1.44	2.76	2093	
August	3.53	2.31	1.25	2.63	1.93	4.69	.20	4.86	1.58	1.71	2469	
September	.69	1.63	1.63	2.97	1.91	3.35	1.25	1.88	.42	3.02	1875	
October	1.05	3.88	2.92	4.23	3.28	1.45	.31	2.08	6.68	.41	2629	
November	2.91	1.82	1.61	4.51	.20	4.50	1.00	1.80	3.13	6.61	2809	
December	1.99	2.98	2.25	2.74	3.51	3.47	2.69	3.97	1.57	1.72	2689	
TOTALS	26.63	24.46	23.70	25.40	25.92	35.21	22.97	29.20	22.97	29.86	26632	163
	np D	np low	D	D	D	D	D	D	D	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

**RAINFALL at KENLEY (Pumping Station)**

51

County of Surry Observer East Surry Water Co.River Basin A. Lanes - WandleType of Gauge M.O.Annual Average 30.0 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. 102" " 29.56 " " 12 " " 1943-54. " " " 1916-1959 " " " 667026/26 " 5File No. 667026/26

622529/54

Diameter ...	5 1/2"			287	687						
Height ...	1' 0"				1						
Altitude ...	275'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.95	2.68	1.30	1.33	2.79	4.13	1.76	2.73	3.05	2.31	26.03
February ...	7.20	.88	1.58	2.47	1.71	.34	3.39	2.06	.04	2.12	21.79
March ...	3.68	3.08	.40	2.36	1.27	.81	1.16	1.53	2.28	1.94	18.51
April ...	2.92	1.28	2.56	.25	.24	1.32	.19	1.49	2.49	0.70	13.44
May ...	2.38	1.28	1.98	3.02	4.17	.38	1.38	2.37	.75	1.56	19.27
June ...	1.06	1.20	1.45	3.58	2.27	2.98	.98	4.98	1.01	1.41	21.22
July ...	2.61	.76	3.66	2.73	.38	4.99	3.44	2.76	.80	2.86	24.99
August ...	3.6	2.84	1.60	3.02	1.47	2.89	2.92	2.75	2.16	2.99	26.25
September ...	2.91	2.99	2.59	2.19	2.22	2.64	2.83	5.76	.22	3.40	28.05
October ...	1.09	2.98	4.17	2.29	3.71	1.25	1.92	3.30	2.61	5.93	29.25
November ...	6.73	3.44	1.47	5.64	1.16	.68	3.12	1.74	3.19	4.78	31.95
December ...	3.07	2.30	.71	1.88	2.55	3.74	2.43	3.29	5.46	2.66	28.09
TOTALS ...	41.21	25.71	24.07	30.76	23.94	26.15	25.54	34.76	24.06	32.66	2888.4
	D	D	D	D	D	D np	D np	D	D	D	12B

Inspected 18.1.56. Gauge works. Means certified. Situated on top of soft water tank  
beside railway, protected by trees other side of railway, best available. Slightly overexposed  
to S.W.

1955 ? low.

1956 np low

1957 np low.

1954 Slightly low but accepted.

1960 np low

Position of Station on Ordnance One-Inch map :

No. of Map 1.70National Grid Reference 325 60.1

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 40	✓ NP 41-42	
	✓	✓	✓	✓	