

RAINFALL AT Brockham North Lodge

Lat.

Lon.

County of

Surrey

Rain Gauge, by

5-Shane's Mole.

Observer H.R. Kemp Esq.

Diameter	8										
Height	-9										
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.88	2.93	.50	2.07	4.71	2.20	.80	2.27	.56	3.23	2.316
February72	.26	.97	4.02	1.82	.11	.21	2.85	1.21	3.22	1.539
March	2.71	2.17	1.33	.89	2.01	2.09	3.91	4.56	1.27	.90	2.184
April	2.55	.59	1.13	.06	2.32	1.76	.77	1.71	.77	2.46	1.412
May	1.50	2.52	1.60	.77	1.98	.35	.22	1.41	3.02	1.76	1.502
June	2.19	1.31	2.91	.70	2.47	.25	2.78	1.39	1.23	1.27	1.650
July	4.63	3.79	1.90	3.03	4.26	5.11	1.18	1.90	.66	.58	2.704
August	2.45	4.82	3.22	.65	2.74	2.44	1.95	2.50	.85	.69	2.221
September....	.93	1.44	1.94	1.35	1.83	.68	8.73	2.83	.50	2.87	2.310
October.....	.96	7.61	4.25	4.01	4.41	3.39	3.35	.58	3.98	2.36	3.4490
November....	2.49	3.29	2.85	2.62	5.32	5.80	1.71	1.20	4.23	5.71	3.522
December....	.76	4.51	2.38	3.16	2.32	2.91	4.80	4.57	3.20	1.23	2.984
TOTALS	25.77	35.24	24.98	23.33	36.09	27.09	30.41	27.77	21.48	26.28	27.844

1890 Christchurch Brockham 400 yards S.W.

RAINFALL AT Brockham North Lodge

Lat.

Lon.

County of

Surrey East

Rain Gauge, by

Observer H R Kempe Esq

5/Chambers, mole.

Diameter ..	8										
Height ..	0 9										
Altitude ..	160										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MENS.
January ..	3.91	1.27	.43	2.20	5.44	.96	5.47	.10	1.59	1.11	2.248
February ..	5.56	2.21	1.12	2.05	3.25	.52	2.59	1.59	1.14	.73	2.079
March ..	.88	2.45	1.68	3.82	1.55	4.34	1.39	1.12	3.43	3.62	2.429
April ..	.88	2.23	.59	1.86	1.42	1.19	.43	3.64	2.66	2.17	1.707
May ..	1.11	.50	1.76	2.54	1.93	.46	1.17	1.93	2.50	1.40	1.530
June ..	2.36	1.45	3.99	5.12	.40	3.11	1.25	1.70	1.99	2.85	2.462
July ..	.93	1.52	1.83	4.04	.80	.07	.10	1.56	3.02	3.29	1.716
August ..	3.07	1.71	2.79	4.27	1.06	2.29	.28	2.82	4.37	2.66	2.532
September ..	1.16	1.66	.44	3.24	.86	2.00	1.06	.37	1.45	2.65	1.489
October ..	2.10	2.69	2.38	7.81	1.14	1.31	3.24	5.17	2.31	5.70	3.385
November ..	2.47	.83	2.67	2.57	1.34	4.77	3.84	3.71	.78	.96	2.344
December ..	3.12	4.96	1.35	2.53	3.16	.56	1.43	4.13	3.74	4.70	2.967
TOTALS ..	27.55	23.48	21.03	42.08	22.35	21.57	21.75	27.84	28.98	31.84	26.847

D D S D S P

1900 Christchurch Brockham 400 yards S.W

1903 Batchworth Station 1/4 miles N.E.

RAINFALL at Brockham North Lodge

County of Surrey

Observer H.R. Kempf Esq. M.A.

River Basin Thames - Mole 5

view glasshouse Rain Gauge, by
 Cont R.F. No 3 1914
 drain 8.00 all over + glass covered

Diameter ...	4							5		8	
Height	9										
Altitude ...	160 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.67	1.70	3.39	4.60	.82	4.57	1.64	1.36	2.90	4.51	2.816
February ...	4.90	1.65	2.56	1.45	5.59	5.57	4.98	1.05	1.96	2.64	3.235
March	1.41	1.90	5.19	3.40	5.17	.87	4.58	2.28	1.15	3.72	2.967
April	2.32	2.22	.10	3.30	1.29	1.50	1.37	2.65	3.60	2.95	2.130
May	1.94	2.09	1.58	2.00	1.42	2.76	1.82	1.96	1.38	.34	1.723
June.....	1.48	2.74	2.97	.23	.47	1.46	2.44	1.41	.96	.93	1.509
July	3.78	.22	1.63	2.73	1.89	4.73	1.22	3.97	5.69	2.01	2.787
August.....	2.74	.15	6.64	1.94	1.40	2.26	3.18	5.86	1.11	2.39	2.767
September ..	.76	1.14	0.49	1.69	.98	2.28	1.50	1.98	5.63	1.35	2.080
October ...	3.20	5.08	3.49	4.65	1.83	2.51	5.55	3.52	1.44	.70	3.197
November ..	3.71	4.66	2.76	3.38	4.40	2.85	5.47	1.30	2.78	1.77	3.298
December ...	5.25	8.36	4.10	1.60	9.66	7.02	3.26	2.17	2.74	5.34	4.950
TOTALS ...	34.16	31.81	37.90	30.97	34.92	38.37	37.01	29.45	31.34	28.65	33.459

Two new 30 ft high 10 yds N.W.

Inspected Oct. 8 X 1913 Old glasshouse very rusty & big hole in flange (said to be recent)
 Screen of beans (not permanent) on SE but exposure tolerable.
 New screen will be erected alongside

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Bethersett	1 1/4 m	N.E.	Brockham	1400 yds	S.W.

RAINFALL at Brockham North Lodge

County of Surrey

Observer H. P. Kempe Esq C.E.

River Basin Thames - Mole 5

British Rain Gauge, by N. & G.
"Snowdon" 1925

Diameter ...	S												
Height	0.9												
Altitude ...	160						180						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930		
34.96	January	3.65	2.72	4.13	1.83	2.63	3.27	4.04	2.30	5.06	1.47	3.86	3.18
24.40	February59	.19	3.12	4.32	.70	4.58	2.81	4.76	1.96	.50	.87	2.22
18.55	March	2.15	1.51	2.44	2.30	1.23	.84	.35	3.44	2.09	.04	2.16	1.69
27.94	April	3.28	1.24	3.82	2.43	3.92	3.01	3.97	1.95	1.85	.82	1.68	2.54
21.27	May71	1.50	.73	3.22	3.47	2.34	1.39	1.06	2.09	2.06	2.70	1.93
17.77	June	1.29	.07	1.18	.29	2.42	.16	3.35	4.64	2.61	1.83	.43	1.62
31.50	July	5.53	.23	4.35	3.47	4.18	3.56	1.84	2.57	1.49	1.08	2.90	2.86
29.18	August	1.60	1.61	2.23	2.76	3.24	2.09	1.52	4.25	2.25	2.23	5.35	2.65
24.88	September...	2.91	1.05	1.73	1.64	3.39	2.72	.46	5.61	1.04	.18	4.17	2.26
32.79	October.....	1.36	.77	.92	6.92	4.09	3.72	2.06	1.92	6.80	3.92	1.31	2.98
39.89	November...	2.00	1.77	2.44	1.89	3.40	3.07	6.09	3.01	2.44	8.11	5.37	3.63
39.96	December...	2.91	2.04	5.17	3.13	4.99	3.41	.30	4.54	2.46	8.11	2.60	3.63
343.09	TOTALS...	27.98	14.70	32.31	34.20	37.66	32.77	28.18	40.05	32.07	39.80	33.37	31.19

1832-3 Tressant f. sp. 1970 NW.

2-11-1813

1926. Gauge moved May 31st 1/2 mi. N.
Box Hill 1400 ft. high 1/2 mi. N.

1930. G. read a few in winter & summer.

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
1920			Bethworth	1/4 mi	N.E.	Christchurch Brockham	200 yds S.W.
			"	1 km	N.E.	Christ Church	3 km S.

RAINFALL at Brockham

County of Surrey Observer H. R. Kempe, Esq., C.E.

River Basin Thames Mole &c. 5

Type of Gauge

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

Diameter	8										
Height	0.9										
Altitude	180										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.15	3.66	2.31	2.06							
February	1.23	3.0	3.21	3.1							
March	1.38	1.62	4.00	2.58							
April	4.75	2.58	1.68	3.09							
May	2.58	3.93	2.55	1.61							
June	1.92	1.59	1.46	1.18							
July	3.24	2.51	1.75	2.41							
August	5.01	5.3	1.01	1.59							
September	2.45	1.94	2.77	1.82							
October	1.56	6.24	2.10	2.20							
November	3.99	1.41	1.12	3.33							
December	1.69	7.7	1.50	8.89							
TOTALS	29.95	24.08	23.46	30.07	H						

Unable to carry on after 1934 owing to age (83) & other circumstances.

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
1931.			Betchworth.	1 1/2 m.	N. E.	Bethist Church Brockham Green}	1/2 m.	S.

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