

RAINFALL AT Chertsey Long Cross

80

Lat.

Lon.

County of

Surrey

Rain Gauge, by

Observer

C A Berners Esq

7/ Shanes Bourne.

Diameter	8											
Height	9											
Altitude				1687								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	4.41	1.31	1.68	2.08	2.44	2.08	3.64	1.68	1.22	1.10	1.739	
February	2.68	2.38	1.63	4.14	1.80	2.40	.50	.72	1.09	2.20	1.954	
March	4.32	2.04	98	1.01	1.36	1.58	1.57	1.84	3.24	1.51	1.556	
April	1.66	4.53	1.18	1.26	1.31	1.16	2.25	1.43	1.82	2.32	1.684	
May	3.01	1.65	1.48	1.88	.57	2.88	3.84	1.60	1.27	2.72	1.813	
June	2.71	1.89	2.68	2.24	1.66	1.66	.88	1.20	2.94	1.05	1.891	
July	5.48	2.03	2.00	2.09	1.78	.23	1.97	.72	5.33	1.34	2.297	
August	9.86	3.21	1.34	.37	.99	.54	.76	1.81	2.25	2.19	1.755	
September	4.80	2.35	1.75	2.85	1.84	5.09	2.03	1.78	1.34	1.37	2.520	
October	5.26	2.19	5.56	2.06	1.04	3.56	3.88	1.48	1.62	3.18	2.982	
November	1.75	3.04	2.77	2.92	1.58	3.35	2.77	3.53	4.28	1.08	2.705	
December	2.93	2.87	2.46	.62	2.57	1.28	5.00	1.55	1.22	1.39	2.186	
TOTALS	29.39	28.52	27.25	23.52	18.86	25.78	29.09	19.34	27.62	21.45	25.082	

1882 Long Cross Church 200 yards ^S
Tree 15ft high 30ft ENE

RAINFALL AT Chertsey Long CrossLat. _____ Lon. _____ County of SurreyRain Gauge, by _____ Observer C. H. Barnes Esq

7-Shane's Barometer

Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.33	1.86									
February	1.17	.15									
March	1.53	1.81									
April	1.78	1.05									
May	1.45	2.61									
June	2.88	1.65									
July	4.20	2.95									
August	2.06	3.90									
September	1.14	1.28									
October	1.07	6.03									
November	2.09	2.54									
December73	3.56	14								
TOTALS	22.43	29.39									

1890 Long Cross Church 300 yards S.S.W.
wooden palings 8 ft high to fence N

RAINFALL AT Chertsey Long Cross

Buntington Hill

Lat.

Lon.

County of Surrey

West.

Farnham Dean

Rain Gauge, by N & F

Observer F. A. Baker Esq.

7 Shanes Bourne

Diameter ..	5										
Height ..	3.0			4.0	3.0						
Altitude ..	200T							205T			
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.57	.90	.77	2.43	2.51	.82	3.18	.60	1.47	.84	1609
February ..	4.14	.74	.86	1.03	2.92	.62	1.64	1.38	1.08	.31	1472
March ..	.93	1.94	1.58	2.35	1.12	3.47	1.10	.96	2.63	2.91	1899
April ..	.56	1.75	.75	2.18	1.08	1.33	.42	3.10	3.04	1.75	1596
May ..	1.63	.58	1.92	2.38	2.64	.38	1.72	1.25	1.61	1.83	1584
June ..	2.15	.62	3.81	6.82	.67	4.37	2.04	2.16	1.36	3.41	2731
July ..	.48	2.65	1.20	4.28	2.06	.30	.17	1.19	1.75	2.39	1647
August ..	1.85	1.56	3.60	3.32	1.57	2.82	.46	2.31	2.04	1.64	2117
September ..	.68	1.18	1.01	2.63	1.10	1.83	1.63	.66	1.77	3.33	1377
October ..	1.64	1.76	1.56	5.71	1.90	1.10	4.18	4.29	2.50	3.39	2798
November ..	1.53	.40	1.79	1.56	1.67	2.94	3.75	2.09	.73	.57	1703
December ..	2.36	3.16	1.22	1.65	2.30	.73	2.10	3.02	2.12	2.61	2126
TOTALS ..	20.47	17.13	20.07	36.34	21.44	20.71	22.34	23.01	22.10	24.98	22.850

→ D → D → D → D → D

N.W.

1900 Chertsey Church $\frac{3}{2}$ miles E

Stone 30 ft high 90 ft 50 yds N.E. 1906

1903 Virginia Water Station 2 $\frac{1}{2}$ miles N.W.

1904 Trees high 30 yds W. 66

Clotham Church 3 miles S.W.

1905 Longcross Church $\frac{1}{2}$ mile W. 30 yds N.W. 66

1907 Corrected for wrong day

RAINFALL at Chester Long CrossCounty of SurreyObserver J. A. Barber EsqRiver Basin Thames. BourneLine Rain Gauge, by N+3

Diameter ...	5										
Height	3.6	3.0								2.6	
Altitude ...	200					205					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.73	1.17	3.65	2.71	.80	3.74	.95	.90	2.95	2.89	
February ...	2.94	1.33	1.80	.84	2.92	3.46	3.61	.76	.85	2.62	
March	1.10	1.48	2.90	2.27	4.09	.87	3.70	.93	1.05	3.67	
April	1.15	1.65	.03	2.38	.79	.92	.43	2.78	3.68	2.25	
May	1.73	1.52	1.30	1.39	.81	3.33	1.43	1.91	2.70	.00	
June	1.96	1.83	3.54	.55	1.16	1.23	1.11	2.16	.62	1.15	
July	2.12	1.08	1.19	1.08	2.11	4.33	.99	3.98	2.78	4.53	
August	2.88	.47	4.74	1.06	1.25	1.95	4.08	4.72	.98	2.31	
September ..	.55	1.12	2.72	1.88	.61	2.17	1.34	1.75	4.70	1.40	
October ...	3.44	3.26	2.86	3.73	1.60	2.79	3.59	3.13	1.45	.51	
November ..	2.63	3.65	1.87	2.09	2.70	2.00	3.60	.93	2.07	1.15	
December ...	4.01	5.75	2.86	.81	7.26	6.00	2.34	1.25	2.15	4.52	
TOTALS ...	26.24	24.36	29.46	20.79	26.00	32.79	27.17	25.20	25.98?	27.00	
	2	2	2	2	2	2	2	2	2	2	

1910 Dens 60 ft high 40 yds W
House 50. - 50. S

1919 xhed 15 ft - 20 yds W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Virginia Water	2½ miles	NE	Longcross	3½ mile	NE

RAINFALL at Upper Chiddesdown, Long Gross House.

County of Surrey

Observer Miss G. M. Leyceston-Pearson

River Basin Thames-Bourne

Snowdon Rain Gauge, by

Diameter ...				5"							
Height				1 - 0							
Altitude ...				100	200						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...				1.50	2.53	2.09	3.19	1.83	3.68	1.41	3.50
February ...				3.80	4.3	3.50	1.48	3.99	1.84	.58	.73
March				2.78	1.05	1.44	1.66	2.82	1.82	.05	1.38
April				2.16	3.33	1.97	3.01	1.89	1.50	1.01	1.83
May				2.87	3.97	2.52	1.58	1.23	1.42	1.77	2.47
June				1.38	3.95	1.00	3.60	3.35	2.32	1.31	1.85
July				1.87	3.92	3.65	1.69	2.47	2.19	1.28	2.06
August				2.06	2.96	3.48	1.79	3.41	2.04	1.85	2.82
September...				1.68	3.63	2.99	1.95	4.91	1.09	.15	3.06
October.....				5.68	3.81	3.09	2.52	1.34	4.51	3.25	1.05
November...				1.91	2.81	1.87	5.10	3.23	1.99	6.04	4.34
December...				2.58	3.88	3.07	1.30	4.42	2.05	6.70	2.26
TOTALS...				29.27	36.27	28.97	26.17	34.89	21.28	25.50	27.35

1925. Vegetables on 3 sides.

.. Path .. 4¹/₂ ..

1930. L. moved on Nov. 22, 100 yards SW.

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
1923			Virginia Water	3 mi	N.E.	Long Gross	1½ mi	W.W.

RAINFALL at Upper Childown (Long Cross H.)

County of Surrey

Observer Miss C. M. Leycester-Penshaw

River Basin Thames Below 7

Type of Gauge Standard M.O. 1940

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

" " 25.3 in. computed by Mr. Cornish (1940) By A. 200637/40

Diameter	5										
Height	1	0									
Altitude	200	220		220							
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.40	1.92	1.75	1.78	1.84	4.69	4.60	2.64	5.14	2.90	2.766
February	1.59	2.24	3.16	1.16	2.82	1.76	4.55	1.56	1.31	2.16	1.837
March	1.25	1.36	2.84	2.34	1.34	1.91	3.51	1.32	1.24	3.38	1.749
April	3.77	2.43	1.80	2.08	3.55	1.88	2.70	1.17	2.79	2.55	2.272
May	2.88	4.06	2.71	1.58	1.79	1.74	2.49	1.83	1.32	1.31	1.971
June	1.54	1.00	1.45	1.11	2.86	3.05	2.08	1.75	1.66	1.69	1.619
July	3.47	2.62	1.55	2.44	1.43	4.05	1.28	1.17	2.46	2.61	2.308
August	5.37	8.6	6.5	2.20	2.92	1.92	1.13	1.94	2.15	2.20	1.834
September	1.95	2.31	2.58	1.48	3.58	2.30	1.90	1.51	1.89	1.46	1.996
October	1.64	4.66	1.99	1.75	3.18	2.12	2.87	2.59	5.03	3.16	2.799
November	2.70	1.35	1.97	2.38	5.12	3.31	1.58	3.24	5.10	2.24	3.299
December	1.59	5.0	1.48	5.99	2.76	2.37	4.27	3.31	1.29	1.42	2.298
TOTALS	26.15	23.31	20.93	24.29	31.19	29.10	32.96	20.03	30.44	29.08	26.748 KM

1931. Trees. 70' high. S. E. 4 W. (50')

House 30' .. N. (30')

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
1931. 37			Vergeria Water	3 m. 2½ m	N.W. N	Long Cross. "	1½ m 1 m	N.W. N.W.

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

Station No. 246

RAINFALL at Upper Blundown (Long Gross H.)

41

County of Surrey

Observer Miss E. M. Day-Green, Penny Lane

River Basin Thames Bourne 7

Type of Gauge M.O. Snowden

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

" 26.3 .. compared by Mr. Barnish (1940). File No. 776110/38

Ref. A. 200487/40

Diameter	5"										
Height	1' 0"										
Altitude	220'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.04	3.11	4.75	1.91							
February	2.78	.89	1.30	.81							
March	3.94	1.94	.52	.21							
April	1.33	1.34	1.05	1.30							
May	1.91	2.94	2.42	.78							
June	2.06	.45	1.82	1.93							
July	5.31	1.19	2.25	2.28							
August	5.64	3.07	1.42	1.93							
September	.12	1.33	1.86	2.47							
October	1.46	3.27	2.93	3.40							
November	3.19	2.07	1.62	3.96							
December	1.75	3.04	1.33	1.64							
TOTALS	32.53	24.64	23.27	22.62							

1941. Tree 70' high 50° SE. House 30' high 30° N.

1944 Tree 70' high 50°-70° S. N.E.W.

1945. Termination obs deceased.

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.
1941			Virginia Water	3 miles	N.W.	Long Gross	1½ miles	N.W.

Station No. 240/8

RAINFALL at Chertsey (LangCross)

41

County of Surrey

Observer The Lord Brabazon of Tara

River Basin Thames-Bourne-7

Type of Gauge M. O.

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

Ref.

File No. E. 1285/144

Diameter		279	932	5							
Height				12016							
Altitude				4135							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January					1.65	1.78	2.03	4.18	1.22	.43	
February					1.65	2.30	1.20	1.60	1.06	4.09	
March					.62	1.39	5.94	.68	1.17	.79	
April					1.25	1.90	1.62	1.52	1.87	3.23	
May				# 1.56	1.65	3.29	1.59	2.82	1.76	1.61	
June				2.00	1.91	3.27	2.84	2.74	3.14	1.04	
July				1.98	3.40	2.25	1.20	1.00	1.08	4.44	
August				2.46	.75	4.38	.33	2.92	1.34	3.77	
September				2.52	2.20	3.19	1.40	1.51	1.37	3.19	
October				3.30	3.10	0.90	.22	2.25	6.03	1.44	
November				3.92	.20	4.80	1.27	1.84	2.45	5.26	
December				1.76	3.23	3.43	2.46	3.09	1.65	1.74	
TOTALS				11.99 m.p. m.p.	22.01 d	31.88 d	22.10 d	26.15 d	21.34 d	30.23 d	

1944 House 30 ft. high 10 yds N.
1948 House 50' high 8yds. N. Trees 70' high 20yds. S.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

279932

Station No. 240/8

51

RAINFALL at CHERTSEY (LONG CROSS)

County of SURREY

Observer THE LORD BARRYMORE OF TARA

River Basin THAMES-BOURNE-7

Type of Gauge M.O.

Annual Average.....in. based on.....years obs. un-weighted. Period of average..... Ref.....
 - - - 25.58 " " 12 " 1945-56 " " " 1916-1950 5.
 File No. E 1286/44

Diameter ...	5"		279	932							
Height ...	1' 6"				1						
Altitude ...	150' 1000ft metres					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.12	2.04	.88	1.34	2.68	3.84	1.64	2.36	2.19	2.49	
February	5.95	.79	1.23	2.25	1.24	.27	3.06	2.54	.08	2.18	
March	3.58	3.35	.38	2.53	.96	.46	.90	1.52	2.27	1.36	
April	2.26	1.49	2.49	.28	.30	1.18	.46	0.98	2.03	0.60	
May	2.77	1.99	1.28	2.51	3.43	.12	1.09	2.88	.63	1.79	
June	1.04	1.63	1.40	3.73	2.48	1.89	1.27	3.90	.86	1.69	
July	1.34	.67	3.47	1.25	.31	4.24	3.11	1.25	1.87	2.61	
August	3.43	3.31	1.69	4.51	1.26	4.36	3.13	3.43	1.64	2.60	
September	2.40	3.85	1.46	2.12	1.55	2.63	2.58	3.40	.20	2.62	
October	.65	3.20	2.76	2.54	3.50	2.60	2.33	2.41	2.55	7.29	
November	6.55	2.31	1.53	4.41	1.29	.49	2.68	2.25	2.72	4.12	
December	1.71	3.20	.30	1.98	2.29	3.08	1.91	2.76	3.93	2.62	
TOTALS ...	34.80	27.83	19.17	29.45	21.29	25.16	24.16	29.67	20.97	31.97	
	d	d	d	d	d	d	d	d	d	d	

1957 House 5d high - 40° N; Trees 50' high - 40° S; Hedge 8' high, 20° E.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference TQ 2650 656

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	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
				Climb 1944	