

RAINFALL AT *Chertsey Long Cross*

80

Lat.

Lon.

County of *Surrey*

Rain Gauge, by

Observer *C.A. Burners, Esq.*

7/ James. Bourne.

Diameter	8										
Height	1.9										
Altitude				168 T							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	# 41.1	31.1	43.1	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	0.4	.98	1.01	1.36	1.58	1.57	1.84	3.24	1.51	1.556
April	1.66	4.5	3.18	1.26	1.31	1.16	2.25	1.43	1.82	2.32	1.684
May	3.0	1.65	1.48	1.88	.51	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 .....	.98	6.32	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	5.55	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	1.56	3.35	2.77	3.53	4.28	1.08	2.705
December	2.93	2.87	2.40	.62	2.57	1.25	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.W.
Tree 15ft high 30ft ENE*

RAINFALL AT

Chertsey Long Cross

Lat.

Lon.

County of *Surrey*

Rain Gauge, by

Observer *C. H. Bennet Esq*

7- Thames. Bourne

Diameter	8											
Height	1.9											
Altitude	1687											
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										
December ....	.73	3.56										
TOTALS . . .	22.43	29.39										

1890 Long Cross Church 200 yards S.S.W
 wooden pulpit 8 ft high 40 ft N

RAINFALL AT

Chertsey Long Cross

72.450 44.00

Lat.

Lon.

County of

Surrey West

February 1890

Rain Gauge, by

N 73

Observer

F. A. Baker Esq.

7. Thames. Down.

Diameter ..	5											
Height	3. 0				4. 0	3. 0						
Altitude ..	200 T							205 T				
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	1.609	
February ..	4.14	.74	.86	1.03	2.92	.62	1.64	1.38	1.08	.31	1.472	
March ....	.93	1.94	1.58	2.35	1.12	3.47	1.10	.96	2.63	2.91	1.899	
April .....	.56	1.75	.75	2.18	1.08	1.33	.42	3.10	3.04	1.75	1.596	
May	1.63	.58	1.92	2.38	2.64	.38	1.72	1.25	1.61	1.83	1.584	
June	2.15	.62	3.81	6.82	.67	4.37	2.04	2.16	1.36	3.41	2.731	
July .....	.48	2.65	1.20	4.28	2.06	.30	.17	1.19	1.75	2.39	1.647	
August	1.85	1.56	3.60	3.32	1.57	2.82	.46	2.31	2.04	1.64	2.117	
September ..	.63	1.18	1.01	2.63	1.10	1.83	1.63	.66	1.77	3.33	1.577	
October	1.64	1.76	1.56	5.71	1.90	1.10	4.13	4.29	2.50	3.39	2.798	
November ..	1.53	.40	1.79	1.56	1.67	2.94	3.75	2.09	.73	.57	1.703	
December ..	2.36	3.15	1.22	1.65	2.30	.73	2.10	3.02	2.12	2.61	2.126	
TOTALS ..	20.47	17.13	20.07	36.34	21.44	20.71	22.34	23.01	22.10	24.98	22.859	

1900 Chertsey Church 3 1/2 miles E

Stone 20 ft high 90 ft S

1903 Virginia Water Station 2 1/2 miles N

1904 Trees 10 ft high 30 ft distant

Chobham Church 3 miles S.W.

1905 Longcross Church 1/2 mile W

1907 Corrected for wrong day

RAINFALL at Chester Long Cross

County of Surrey Observer F. A. Baker Esq
 River Basin Thames. Bourne
Line 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	1.88	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	2.58	.47	4.74	1.06	1.35	1.95	4.08	4.72	.98	2.31	
September ..	.55	1.12	2.72	1.88	.51	2.17	1.34	1.75	4.70	1.40	
October ...	3.44	3.26	2.86	3.73	1.50	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 ...	24.24	24.36	29.46	20.79	26.00	32.79	27.17	25.20	25.98	27.00	

1910 trees 60 ft high 40 yds W
 House 50. - 50. S
 1919 shed 10 ft - 20 yds W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Virginia Water	2 1/2 Miles	NE	Longcross	3 1/2 Miles	NW

RAINFALL at *Upper Childown, Long Cross House*County of *Surrey*Observer *Miss C. M. Leicester-Pearshyn*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 MEAN.
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	.74	.66	2.82	1.82	.06	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 .....				.38	3.95	.00	3.60	3.35	2.32	1.31	1.85
July				1.87	3.92	3.65	1.69	2.47	2.19	1.38	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	.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	.30	4.42	2.65	6.70	2.26
TOTALS...				29.27	36.27	28.97	26.17	34.89	24.28	25.50	27.25

1925. Vegetables on 3 sides.

.. Path .. 4" ..

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

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

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 Cross	1 1/2 mi	W

RAINFALL at Upper Chilton (Long Cross H.)County of Surrey Observer Miss C. M. Leicester-PenryRiver Basin Thames, Portne 7Type of Gauge Knowlton MO 1940

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

" " 25.32 compiled by Mr. Cornish (1949) Ref A200457/40

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	.84	4.69	4.60	2.64	5.14	2.90	2766
February	1.59	.24	3.16	.16	2.82	1.76	4.85	.56	1.31	2.16	1837
March .....	.25	1.36	2.84	2.34	.34	1.91	3.51	.32	1.24	3.38	1749
April	3.77	2.43	.80	2.08	3.55	1.88	2.70	.17	2.79	2.55	2272
May	2.88	4.06	2.71	.58	1.79	.74	2.49	1.83	1.32	1.31	1971
June	1.54	1.00	1.45	1.11	2.86	3.05	2.08	.75	1.66	.69	1619
July	3.47	2.62	1.55	2.44	1.43	4.05	1.28	1.17	2.46	2.61	2308
August	5.37	.86	.65	2.20	2.92	.92	1.13	1.94	2.15	.20	1834
September	1.95	2.31	2.58	1.48	3.58	2.30	1.90	1.51	.89	1.46	1996
October .....	.64	4.66	1.99	1.75	3.13	2.12	2.87	2.59	5.03	3.16	2799
November	2.70	1.35	.97	2.38	5.12	3.31	1.58	3.24	5.10	7.24	3299
December	1.59	.50	.48	5.99	2.76	2.37	4.27	3.31	1.29	1.42	2298
TOTALS	26.15	23.31	20.93	24.29	31.19	29.10	32.96	20.03	30.44	29.08	26748 KM

1931. Trees 70' high, S. E. & 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931. 37			Derigania Water	3 m.	N.W.	Long Cross.	1 1/2 m.	N.W.
			"	2 1/2 m.	N	"	1 m.	N.W.

Station No. 246

RAINFALL at Upper Blidown (Long Cross H.)

41

County of Surrey

Observer Miss B. M. Deycester Perryman

River Basin Thames Bourne

Type of Gauge. No. 6 Snowden

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

" 25.3 .. computed by Mr. Gornish (1940).

Ref. A.200487/40.

File No. 776110/38

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. Trees 70' high 50' SE. House 30' high 30' N.

1944 Trees 70' high 50-70' S, N, E, W.

1945. Terminated obs. deceased.

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.
1941			Virginia Water	3 miles	NW.	Long Cross	1 1/2 miles	NW.

BRITISH RAINFALL ORGANIZATION

Station No. 240/8 41
 RAINFALL at Chestsey (Long Cross)
 County of Surrey Observer Theodore Brabazon of Tara
 River Basin Thames-Barnes-7
 Type of Gauge M.O.

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

File No. E. 1285/44

Diameter		279	932	5							
Height				12	0	16					
Altitude			41	35							
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				# .56	1.65	3.29	1.59	2.82	1.76	1.61	
June				2.00	1.91	3.27	2.84	2.74	.34	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	.44	
November				3.92	.20	4.80	1.27	1.84	2.45	5.26	
December				1.76	3.33	2.43	2.46	3.09	1.65	1.94	
TOTALS				imp np	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 8 yds. N. Trees 70' high 20 yds. 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.

Station No. 240/8

RAINFALL at CHERTSEY (LONG CROSS)

51

County of SURREY

Observer Mr. LEAD 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.

" " 25.58 " " " 12 " " 1945-56 " " " 1916-1950

File No. 1286/44 5

Diameter ...	5"			279	932						
Height ...	1' 6"				1						
Altitude ...	150'				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	1.76	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	.44	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	29.68	20.97	31.97	
	d	d	d	d	d	d	d	d	d	d	

1957 House 50' high - 40' N; Tree 50' high - 40' S; Hedge 8' high, 20' E.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference TQ (N) 880 656

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
				C.L.M.A. 1944	