

RAINFALL at Banstead, The Asylum

County of Surrey. 4

Observer J. C. Bayford
W.C. Jeffona Smith

River Basin

Rain Gauge, by Elliott Bow

Diameter ...	5								5		
Height	1-							4 6			
Altitude ...	406							420			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.EANS.
January ...							(1.90)	1.05	2.97	3.82	
February ...							(4.20)	.90	1.07	2.70	8.87
March							(4.30)	1.18	1.02	3.55	10.05
April							(1.40)	2.47	3.18	2.83	9.88
May							(2.00)	1.51	1.63	.41	5.55
June							(1.90)	1.14	1.08	.90	5.02
July							(1.20)	3.62	6.74	1.89	13.45
August							(3.00)	4.73	1.19	3.18	12.10
September...							(1.70)	2.01	4.88	1.35	9.94
October ...							(4.50)	3.73	1.38	.56	10.17
November..							(3.60)	1.63	2.49	1.37	11.07
December...							(3.30)	1.16	2.81	4.51	11.78
TOTALS ...							(34.00)	25.13	30.44	27.07	116.64

1918 Home 26ft high 10°L E



Completed at Epsom and Durdans.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1918			Belmont	1 mile	W	Banstead	1/2 miles	S

RAINFALL at Banstead ^{Mental Hospital} The AsylumCounty of SurreyObserver P. G. Clifford Smith Esq. per 76 BayonetRiver Basin Thames - Wandle 4Wm. Young (1921)
S. J. Murray (1922)Rain Gauge, by Elliott Bros

Diameter ...	3"						5"				
Height	1.0	4.6	5.0		2.9		5				
Altitude ..	406	420	215	225			420				410.
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
											Means
29.67	January ...	2.98	2.80	3.15	1.63	2.66	2.11	3.35	2.50	4.06	1.46
22.26	February60	.29	2.29	4.39	.69	4.73	2.68	3.84	1.51	.56
17.70	March	2.33	1.67	2.28	2.05	.95	.76	.20	3.11	2.43	.15
26.52	April.....	3.18	.87	2.92	2.34	4.16	2.67	3.78	2.06	1.92	.91
21.50	May66	2.71	1.02	1.98	3.50	2.26	1.69	1.38	1.69	1.99
17.96	June	1.97	.13	.99	.37	2.34	.05	3.55	3.22	3.51	1.23
30.53	July	4.76	.30	3.99	3.28	3.83	3.34	1.95	2.99	1.42	1.81
28.37	August	1.22	1.59	2.42	3.23	3.62	3.02	1.56	3.97	2.40	1.95
24.60	September...	3.06	1.34	1.89	1.55	3.58	2.99	1.09	4.95	.54	.25
29.25	October.....	.98	.68	.84	5.42	3.99	2.98	2.29	1.46	5.39	3.72
34.47	November...	1.69	1.59	1.76	1.78	3.35	2.71	5.65	2.58	2.40	6.94
33.69	December...	2.30	1.62	4.07	2.60	4.27	2.45	.52	(4.91)	2.52	6.86
316.50	TOTALS...	25.73	14.99	27.62	30.62	36.94	30.07	28.31	36.97	29.49	27.31
		<u>7</u>									

1920 House 25 ft high 10 ft E

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

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			Belmont	1 mi	W	Banstead	1/2 mi	S.

RAINFALL at Banstead Mental Hospital

County of Surrey Observer S. J. Wray, Esq.

River Basin Thames - Wards, ~~4~~

Type of Gauge

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

Ref.
342758(34)

Diameter	5												Totals.	Means
Height	50		4.8			4.6			4.8					
Altitude	410					410			410					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940				
January	1.73	2.81	2.15	2.03	1.10	5.38	3.54	2.43	5.37	2.74	3133			
February	1.73	1.7	2.03	1.31	3.34	2.07	4.67	1.80	1.62	1.73	1847			
March	1.43	1.79	3.18	2.27	1.39	1.22	2.81	1.40	1.39	3.27	1716			
April	3.72	2.53	1.67	2.75	3.00	1.64	2.86	1.39	2.98	1.60	2214			
May	2.35	4.43	4.20	1.79	1.13	1.47	2.73	2.15	2.31	1.22	2178			
June	1.86	1.74	1.30	1.63	3.14	0.62	1.69	1.66	1.71	1.39	1506			
July	2.71	2.38	1.72	1.59	0.98	4.71	1.87	2.07	2.50	2.64	2217			
August	4.22	1.36	1.66	1.94	2.80	1.57	1.11	2.01	4.67	.08	2042			
September	2.22	1.91	2.21	1.39	3.25	3.11	2.63	2.62	2.31	1.80	2345			
October	1.82	4.99	1.97	1.91	3.66	2.09	3.27	2.39	5.95	3.03	3008			
November	3.11	1.06	1.19	2.15	4.04	4.62	1.51	4.00	4.86	7.83	3487			
December	1.72	1.81	1.45	1.42	4.02	3.25	4.92	3.10	1.81	1.40	2790			
TOTALS	25.62	24.98	21.73	25.18	31.67	33.75	34.66	23.02	36.54	27.73	28482			
	D	D	D	D	D	D	D	D	D	D				

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

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

Station No. 93 M

RAINFALL at Banstead Mental Hospital ✓

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County of Surrey

Observer S. T. J. Campbell Esq. Revised Sept '44

River Basin Thames, Wandsworth.

A. G. Hollingsworth Esq.

Type of Gauge 70.

J. Campbell Esq.

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

Ref.

File No. 242758/34

Diameter	5"		287	815							
Height	4' 8"			1							
Altitude	410			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.27	3.16	5.67	1.76	(1.80)	(2.10)	1.98	3.33	1.10	.87	Total 15 24.03
February	2.42	.54	2.01	.81	(1.60)	(2.00)	1.29	1.70	1.20	4.81	18.98
March	3.45	2.17	.34	.07	(1.20)	(1.40)	4.97	.91	.95	1.20	16.66
April	1.64	1.77	1.23	1.51	(1.20)	(2.50)	1.91	1.57	1.76	3.37	18.46
May	1.99	3.65	2.72	.78	(3.00)	(3.50)	1.53	1.82	1.92	1.56	22.47
June	2.47	.46	2.05	2.51	(2.20)	(3.60)	2.94	2.53	.94	1.81	21.51
July	3.51	2.33	1.72	2.87	(3.50)	(2.40)	1.53	1.34	.61	3.48	23.27
August	4.35	2.27	1.69	2.82	(1.70)	(4.80)	.19	3.93	1.28	2.20	25.23
September	.42	2.24	1.75	2.55	(2.10)	(3.00)	1.46	1.68	.40	2.90	18.50
October	1.04	4.30	3.47	(4.20)	(4.40)	(1.50)	.40	1.84	6.33	.42	27.70
November	2.99	2.23	1.48	(4.05)	(3.0)	(4.50)	1.07	2.02	2.87	5.96	27.52
December	2.13	3.39	2.15	(2.70)	(3.70)	(3.10)	2.85	3.80	1.38	1.93	27.13
TOTALS	28.68	28.50	26.28	26.68	26.70	(3500)					271.47
	D	D	D	Imp	N.D.	N.R.	22.12	26.47	20.74	30.51	1946-50 Mean 1946

Years no gauge supplied in R. 266 completed at 9215 fm 1946-50 Mean

	1910-19	1920-30	1931-40	1941-50
Record	✓ c 1917	✓	✓	
Deval	✓	✓	✓	

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

Station No. 93 M.

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RAINFALL at BANSTEAD Royal Hospital

County of Surrey

Observer Engineer in Charge (1950)

River Basin 4. Thames North

Type of Gauge M.O.

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

File No. 342758/34

Diameter ...	5"		287	815							
Height ...	4' 8"				1						
Altitude ...	410'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.90				1.96	3.49	1.23	1.85	2.01	2.17	
February ...	7.47				1.50	.27	2.90	2.09	.04	2.15	
March ...	3.63				1.02	.95	.95	1.64	2.23	2.14	
April ...	3.84				.15	1.29	.19	1.20	1.89	0.79	
May ...	2.23				3.12	.31	1.44	2.72	1.30	1.96	
June ...	1.22				X	1.50	2.37	.78	4.59	1.53	1.49
July ...	2.97				2.48	.73	5.67	2.82	1.65	1.40	2.61
August ...	3.63				2.87	1.04	2.70	3.51	2.93	1.27	3.35
September ...	3.14				1.99	1.77	2.32	2.88	4.26	.14	2.53
October ...	1.11				1.54	2.98	1.23	1.55	3.07	2.71	6.17
November ...	6.85				3.51	.62	.71	3.02	1.43	3.40	4.68
December ...	(2.86)				1.57	2.16	3.29	2.24	3.06	4.34	2.95
TOTALS ...	41.85	N.R.	N.R.	np (no)	18.55	24.40	23.51	30.69	22.26	33.01	
	2				76	np	2Dnp	np	np	2	

1951 Dec. est. Gauge hidden by inmates.

1955 np low.

1956 np low.

1957 np low.

1958 np too unshaded exposure.

1959 up low.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TQ(51)261111

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 - Rejected

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		/ c 1917	/	/	/	48-43, 47-50 np 44 but d 49