

RAINFALL at Budgwick (Swaynes)

County of Surrey Observer S.D. Secretary Esq.

River Basin Almon 2

Type of Gauge B.A.

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

741339/38

Diameter										5		
Height										0 11		
Altitude										121		
Year	1910 1831	1911 1832	1912 1833	1913 1834	1914 1835	1915 1836	1916 1837	1917 1838	1918 1839	1919 1940	Means	
January									3.17	4.16		
February									1.13	2.20		
March96	3.75		
April									3.17	2.34		
May									1.44	.48		
June									1.08	.71		
July									4.54	1.95		
August									1.71	2.52		
September									5.79	1.45		
October									1.15	.27		
November									1.79	1.97		
December									2.23	3.93		
TOTALS									28.16 n/v	25.73 n/v		

Back yrs. 1910-1937 received 10/38 Annual totals book from G.R.B. 7/11/38.

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.

RAINFALL at Rudgwick (Swaynes)County of SurreyObserver S. D. Smeaton, Esq.River Basin ArnoType of Gauge B.A.

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

741339/38

Diameter	5										
Height	0 11										
Altitude	121										
Year	1920 1931	1921 1932	1922 1933	1923 1934	1924 1935	1925 1936	1926 1937	1927 1938	1928 1939	1929 1940	Means
January	2.93	2.31	3.55	1.38	2.48	3.15	3.36	2.04	4.08	1.38	3.75
February	.48	.36	2.49	4.92	.60	4.10	2.58	4.69	1.54	.68	.88
March	1.88	1.01	1.87	2.52	1.28	.65	.22	3.31	1.93	.00	1.22
April	2.67	.72	3.23	2.68	3.05	2.53	2.75	1.89	2.25	.51	2.18
May	.76	1.46	.56	2.76	4.03	3.27	.98	.85	1.26	1.97	2.51
June	1.96	.09	1.23	.39	3.44	.00	3.60	3.70	2.80	1.51	.45
July	4.82	.20	4.02	1.48	5.18	5.00	1.96	2.47	1.84	1.31	1.87
August	1.53	2.08	2.33	2.37	2.41	2.61	1.09	3.92	2.93	1.92	2.74
September	2.84	.75	1.20	1.36	4.38	2.29	.78	5.18	1.21	.28	3.03
October	3.93	.65	.85	6.13	3.72	3.19	2.12	1.40	6.16	3.82	1.68
November	1.69	2.07	1.71	1.41	2.88	3.18	6.42	3.93	2.48	6.61	4.91
December	2.46	1.48	4.37	2.59	4.21	3.58	.42	4.70	3.05	6.81	2.71
TOTALS	27.95	13.18	27.41	29.99	37.66	33.55	26.28	38.08	31.63	26.80	27.93
	n/v	n/v	n/v	n/v	n/v	n/v	n/v	n/v	n/v	n/v	n/v

Back years 1918-1937 received 10/38 Annual totals took low 5.8.8 7/11/38

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, EXHIBITION ROAD, LONDON. S.W.7.

RAINFALL at Rudgwick (Swaynes)County of SussexObserver S.D. Secretary, Esq.River Basin ArundelType of Gauge B.A.Annual Average 26.7 in. based on 21 years obs. ~~un~~ weighted. Period of average 1881 - 1915 Ref S

741339/38

Diameter	5											
Height	0 11											
Altitude	121											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.85	2.02	2.03	1.82	.93	4.19	5.70	2.95	4.91	2.38	30.18	
February	1.87	.27	3.06	.10	3.12	2.21	4.31	.61	1.63	2.31	19.4	
March	.51	1.60	2.80	2.59	.44	1.48	4.26	.40	1.21	3.05	18.34	
April	3.74	2.59	.74	2.83	3.39	1.14	2.69	.10	2.85	1.71	21.78	
May	2.88	3.94	1.95	.43	1.23	.51	2.15	1.79	1.53	1.30	17.71	
June	1.98	1.30	1.30	1.00	3.23	3.59	1.50	.74	1.11	.43	16.18	
July	3.66	2.94	1.38	1.87	1.09	2.87	.85	2.03	26.8	2.62	21.99	
August	4.18	.37	.71	1.90	3.25	.33	.83	2.71	2.60	.13	17.01	
September	1.68	2.22	2.84	2.04	3.64	2.07	2.27	2.16	1.42	1.44	21.88	
October	.45	6.18	2.00	1.97	3.58	1.58	2.66	3.43	6.54	3.80	32.19	
November	3.91	1.14	1.00	3.54	6.88	4.29	2.31	4.09	5.25	8.33	40.74	
December	.62	.71	.53	7.50	3.45	2.49	4.33	4.10	1.70	1.88	27.31	
TOTALS	27.33	26.08	20.34	27.59	34.23	27.35	33.86	25.11	33.43	29.38	284.70	
	n/v	n/v	n/v	n/v	n/v	n/v	n/v	d	2	D		

Back years 1918-1937 received 10/38

1938 Max 30" high 20" N: Medley Kite 20" high 17" S.W.

1939

35'

Annual Totals took low 6.445 7/11/38

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.
1938			Rudgwick	1/2 mi.	N.W.	Rudgwick	1 mi.	N.

Station No. 471/3

RAINFALL at Rudgwick (Swaynes)

41

County of Sussex

Observer S. D. Searns, Esq. J.P.

River Basin Chichester

Type of Gauge 3.5

Annual Average 2.7 in. based on 21 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 741339/38

Diameter	5"										
Height	11"										
Altitude	121'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Totals Means
January	2.41	2.71	6.42	1.77	1.95	2.22	2.54	4.92	1.11	.89	26.94
February	2.89	.57	1.71	.73	1.99	2.53	1.27	1.72	1.31	4.97	19.69
March	3.08	2.07	.52	.44	1.86	1.01	5.46	.79	1.17	1.29	17.39
April	.82	1.38	1.03	1.62	.92	2.16	1.88	2.07	1.53	2.67	16.08
May	1.96	3.04	3.04	.68	1.88	2.95	1.25	2.25	2.04	1.77	20.86
June	2.29	.13	1.44	1.67	2.66	2.46	3.20	3.90	.79	1.73	20.27
July	2.13	2.17	2.17	2.12	3.62	1.85	.88	.98	.44	3.04	19.40
August	3.82	2.61	1.14	2.06	1.65	6.29	.61	3.60	2.09	3.31	27.18
September	.41	2.01	1.52	2.04	2.37	4.28	1.48	2.28	1.21	2.84	20.44
October	1.13	4.04	3.84	3.72	3.93	.92	.49	1.74	8.57	.44	28.82
November	3.66	1.77	1.45	4.42	.12	4.65	1.39	1.61	7.41	6.02	28.60
December	2.11	3.02	2.12	2.76	3.72	3.23	2.48	4.40	1.37	2.24	27.45
TOTALS	26.71	25.52	26.40	23.73	26.67	34.55	22.93	30.26	25.04	31.21	273.02

1941. House 30' high 20' N. Tree 15' high 17' SW.

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			Rudgwick	1/2 mile	NW	Rudgwick	100	N.

BRITISH RAINFALL ORGANIZATION

Station No. 471/3

RAINFALL at RUDGWICK (SWAYNES)

51

County of SUSSEX

Observer S. D. SECRETAN, Esq. J.P.

River Basin ARUN 2

Type of Gauge Glaisher

Annual Average 26.7 in. based on 21 years obs. un-weighted. Period of average 1881-1915 Ref. 5

File No. 741.239/38

Diameter	5"										
Height	0' 11"										
Altitude	121'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.94	2.56	1.28	1.59	3.40	4.25	2.27	3.02	3.10	2.99	28.40
February	5.96	.76	1.53	2.19	1.83	.27	4.71	2.58	.07	2.74	22.63
March	4.07	2.80	.40	2.80	1.40	.82	1.72	2.09	2.55	1.52	20.17
April	2.24	1.73	2.30	.34	.28	1.51	.30	1.04	2.87	0.91	13.52
May	2.30	2.70	1.95	2.17	4.06	.38	1.07	2.97	.76	1.38	19.74
June	1.80	1.46	1.63	4.15	2.19	2.07	1.09	4.50	1.15	1.73	21.77
July	2.01	.99	2.67	2.58	1.28	4.06	5.18	1.49	1.37	2.63	25.26
August	4.49	2.65	1.50	3.08	.95	2.41	2.87	3.75	2.13	4.45	28.78
September	2.78	2.67	4.03	2.45	2.05	3.52	3.02	4.76	.05	3.71	29.04
October	1.21	3.60	3.57	2.87	4.31	1.26	1.63	3.50	2.38	7.54	31.97
November	6.70	3.78	1.44	6.56	1.85	1.01	2.83	2.50	3.51	6.00	36.18
December	3.22	2.58	.90	2.93	3.45	4.26	2.42	3.85	6.53	4.00	34.14
TOTALS	40.72	28.27	23.20	33.71	27.05	26.42	29.11	36.05	26.47	40.60	311.60

1955 House 30° 20' N. Tree 15' 17' SW.

omitted and 11 others to improve

Ann. Ave. 28.59 based on 33 yrs. within 1920-57. 2" Cor. Period of Ave. 1916-50 - Rejected.

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference Tq(51)CA2.330

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 1918	✓	✓	✓	
	✓	✓	✓	✓	