

RAINFALL AT Falmer Brighton Water Works

Lat. Lon. County of ...
 Flashing Rain Gauge, by N.Y. Observer J. Johnston Esq. C.E.

Diameter ..							8			
Height ..							1 8			
Altitude ..							209 ft			
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ..							4.67	.71	1.28	1.03
February ..							2.91	1.73	1.20	.43
March ..							1.50	.79	2.29	3.79
April96	3.96	2.08	1.30
May							2.33	1.82	1.56	1.30
June							2.65	2.08	1.27	2.37
July38	1.24	2.86	2.93
August							1.30	1.68	2.91	2.99
September ..							1.31	.71	1.73	3.40
October							4.29	5.24	1.46	8.01
November ..							6.17	2.14	1.15	1.23
December ..							2.43	2.71	3.75	4.75
TOTALS ..							30.90	24.81	23.54	33.53

1906 Falmer Ranch
Falmer Station

1 mile NE
3/4 Mile E by N
1/3 E - N

RAINFALL at Falmer Brighton W.W.

County of Sussex

Observer J. Johnston Esq. C.I.

River Basin Adur + C 3

Total Office Rain Gauge, by No 3

Diameter ...	8												
Height	19												
Altitude ...	209 ft												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...	2.64	1.58	3.24	5.92	.87	4.31	1.84	1.45	4.14	6.12			Sum 16.19
February ...	4.19	1.83	3.02	1.19	4.44	5.24	5.45	1.52	1.14	3.00			13.55
March	1.70	2.47	4.51	2.59	5.74	.93	4.47	1.94	1.45	5.53			11.11
April	1.97	1.66	.01	3.18	1.63	1.72	1.26	1.63	3.01	2.77			13.37
May	2.68	.83	1.30	2.02	1.08	4.16	2.35	1.40	1.68	.46			8.61
June	3.25	2.46	3.15	.76	1.40	.61	3.42	2.80	1.21	.87			5.87
July	2.52	.59	.97	3.89	2.75	4.76	.91	3.44	4.80	1.29			8.30
August.....	3.34	.44	6.57	3.03	1.22	1.85	1.90	6.03	2.05	3.91			13.89
September ..	.18	1.89	3.61	2.27	1.51	2.66	2.26	1.53	6.31	1.85			11.75
October ...	3.49	6.70	3.86	5.02	2.67	3.95	5.34	4.09	2.19	.70			12.32
November ..	6.04	7.02	2.37	4.89	4.51	3.90	4.89	1.71	2.49	2.99			12.08
December ...	3.76	7.19	4.49	1.73	9.58	9.65	5.55	2.66	3.16	6.42			17.79
TOTALS ...	35.76	34.66	37.10	36.49	37.40	43.74	39.55	30.20	33.13	35.91			138.32

1914 Pumping Station

700 ft N.W.

H.V.D

+ 26. III. 15 C.S. In sq. iron railing enclosure in level field. Range of trees
 150 yds. S. a good site.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	50°51'.30	0°5'.30	Falmer	½ m	NE	Falmer	½ m	E

RAINFALL at Falmer, Brighton N.W.

County of Sussex

Observer J. Johnstone Esq. C.E.
A. B. Bachard Esq. C.E.

River Basin Adur & C.3

M.G. Rain Gauge, by No. 23.

Diameter ...	6							8			
Height	1 8	1 3				4 0	3 0	1 4			
Altitude ...	209					205	207	202			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MARCH
January ...	3.94	3.60	4.97	1.61	2.84	3.89	4.32	2.68	6.03	1.55	3.50
February ...	72	70	2.87	4.95	73	3.67	3.79	3.64	1.58	1.80	1.45
March	2.65	1.66	1.76	2.82	1.87	.69	.50	4.08	2.40	1.10	1.84
April.....	3.67	1.23	3.43	3.58	3.20	3.60	4.36	2.24	2.99	.82	1.98
May	1.14	1.92	1.05	3.63	3.90	4.10	2.77	1.01	1.34	2.39	2.16
June	1.97	.05	1.65	.61	2.89	.11	3.64	4.29	3.18	2.66	.83
July	4.74	.47	3.02	5.64	4.08	5.36	2.27	1.58	2.19	1.51	2.50
August	1.47	2.21	3.48	2.79	4.05	2.53	3.29	5.75	2.12	2.99	4.48
September...	2.35	.96	2.15	2.81	3.46	3.63	.95	6.18	.56	.88	4.48
October.....	2.56	1.00	.91	7.17	5.42	4.44	2.93	2.61	9.07	4.08	2.82
November...	2.64	2.22	2.05	2.05	3.64	3.78	7.11	3.81	4.69	9.34	2.82
December...	4.01	2.35	3.59	3.92	4.64	5.21	.49	5.06	4.48	6.25	3.55
TOTALS...	31.86	18.37	30.93	41.58	40.72	41.01	36.42	42.93	40.63	36.17	34.79

1920 Inspected 1915.

1925 Falmer Pumping Station 50' high 100' W.

1926 Building 30 ft high 140 ft. S.W.

Total 139.41

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Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	50° 51' 30"	0° 05' 30"	Falmer	1/2 mi	N.E.	Falmer	5/6 mi	E

RAINFALL at (Falmers) Brighton W.W.

County of Essex

Observer A. B. Cathcart, Esq., C.E.

River Basin Adur + c. 3

Type of Gauge French Standard (no inspection)

Annual Average 32.1 in. based on 33 years obs. unweighted. Period of average 1931 - 1940 Ref. S

660 555/26

Diameter	7	Height	1 4	Altitude	202	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total Means
																1 30 910	
																200	
																+ over inflation	
January	2.95	2.59	2.69	2.76	.87	4.79	6.26	4.64	7.01	2.92	37.48						
February	2.13	1.13	2.61	1.12	4.74	2.34	5.91	.98	1.93	3.33	24.22						
March	1.47	1.44	2.47	3.44	.58	1.68	3.74	.83	1.69	3.51	19.85						
April	2.95	2.57	1.20	2.78	4.12	2.62	3.46	.38	3.15	1.36	24.59						
May	2.76	2.79	2.25	.43	1.42	.93	3.12	3.02	1.83	1.78	20.33						
June	1.63	1.55	2.31	1.29	2.68	3.23	1.23	.77	1.59	1.19	16.42						
July	3.82	4.00	1.82	1.96	2.2	4.05	1.59	1.71	4.45	2.99	26.61						
August	2.49	1.77	1.65	2.55	4.49	1.08	1.55	1.44	2.76	1.10	18.88						
September	2.85	3.22	3.59	1.78	8.26	2.03	2.68	2.98	.71	2.49	30.49						
October	1.48	8.14	2.08	1.99	4.99	1.70	3.34	4.68	6.95	4.18	38.53						
November	5.14	1.84	1.49	5.73	8.52	5.90	2.07	3.88	5.46	9.37	52.42						
December	1.79	.86	1.04	9.98	4.80	2.90	4.90	3.69	2.41	3.41	35.78						
TOTALS	29.46	29.90	25.20	34.81	45.64	33.25	39.15	29.00	42.96	35.63	345.60						
	29.5	29.9	25.2	34.8	45.6	33.2	39.1	29.0	42.9	35.6	345.6						

1931. Building 30' high, 140' low.

+ Inspected 13/10/38 by G.R.R. Bennett. Site satisfactory.

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
1931.			Falmers	½ m.	N.	Falmers	1 m.

Station No. 4687 T.E.

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RAINFALL at Brighton W.W. (Falmouth) ✓

County of Sussex.....

Observer A. B. Blatchford Esq. B.C.

River Basin Catchment 2. c. 3.....

E. Needham Green Esq. C.E. (1946)

Type of Gauge Standard Gutter

Annual Average 32.1 in. based on 33 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. b60555/2b

Diameter	8"		313	454								
Height	1- ⁰ ₉ "		10	1								
Altitude	200'			41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950		Means
January	3.93	3.28	7.02	2.89	1.95	3.17	3.65	6.35	1.98	1.63	3.585	7.415
February	4.14	.70	1.70	1.14	3.27	4.04	3.10	1.87	1.51	5.29	25.76	
March	3.39	4.18	4.47	1.15	1.95	1.78	7.70	1.05	1.32	1.81	23.80	
April	1.72	1.03	1.61	1.95	1.37	2.30	2.10	1.35	1.76	2.70	17.87	
May	2.36	2.69	2.20	3.39	2.74	3.26	1.34	2.86	2.27	1.91	21.02	
June	2.05	.18	1.78	1.73	2.43	3.37	3.31	2.29	.81	1.91	18.86	
July	3.30	2.19	2.75	3.08	5.00	2.06	2.46	2.61	.23	2.48	26.16	
August	5.99	3.68	1.90	2.07	2.23	9.17	.34	5.72	1.52	3.10	35.72	
September	.47	2.97	2.20	2.84	2.22	3.97	2.47	2.34	2.09	3.99	25.56	
October	1.42	3.99	3.91	5.17	3.70	1.21	.70	2.34	9.01	1.43	32.88	
November	4.94	1.71	2.81	6.22	3.36	5.81	2.02	2.91	4.37	7.20	38.35	
December	2.45	3.53	2.71	1.97	5.08	3.95	2.71	3.29	1.84	2.45	29.98	
TOTALS	36.16	30.13	31.06	29.60	31.30	44.09	31.90	34.98	28.71	33.90	331.83	

1941. Buildings 20' high 140° SW.

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.
1941			Falmouth	1/2 mile	N	Falmouth	1/2 mile

Station No. 487

T.F.3

RAINFALL at BRIGHTON W/W (FALMER)

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County of SUSSEX

Observer F. NEEDHAM GREEN, Esq., C.E.

River Basin ADUR & R. 3

SNOWDON +

Type of Gauge GAFFTER

Annual Average 32.1 in. based on 33 years obs. un-weighted. Period of average 1881-1915 Ref. S

36.20 - 35 - - within 1916-57 - - -

1916 - 1950

File No. 6605555/26

Diameter ...	8"			313	454						
Height ...	1' 0"					1			1' 0"		
Altitude ...	200'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Total Means
January	1.09	2.49	1.50	1.68	1.63	6.00	2.58	4.98	4.27	3.28	35.50
February	6.57	.94	1.32	3.55	2.13	.29	5.31	3.28	.03	3.10	26.52
March	4.12	3.42	27	4.20	.49	.38	1.90	2.45	1.76	2.78	22.87
April	2.40	1.95	2.63	.64	.55	1.71	.21	1.09	2.54	1.20	14.92
May	2.54	2.16	1.60	1.69	4.20	.59	1.34	2.81	.52	1.56	19.01
June	2.05	1.07	1.45	3.21	1.94	2.56	1.58	3.76	1.91	1.98	21.51
July	2.68	1.16	3.85	5.27	.43	2.99	4.70	2.70	1.74	4.64	30.44
August	5.08	3.18	2.75	3.70	1.50	3.56	3.02	5.86	1.03	2.70	37.38
September	3.12	4.02	4.94	3.97	3.44	3.81	4.21	4.70	.15	4.06	36.42
October	1.74	3.69	3.47	3.62	3.13	1.51	1.90	3.94	3.53	9.37	35.90
November	5.73	5.15	2.24	5.89	1.47	.85	3.05	3.15	4.66	8.69	40.88
December	2.83	4.52	.91	2.59	4.34	6.00	2.24	5.81	8.29	5.19	42.82
TOTALS ...	42.95	33.75	26.93	40.01	29.05	30.23	32.14	44.53	30.43	53.55	363.57
	D	D	D	D	D	D	D	D	D	D	

INSP. J.B. M59 J.B.07. See over.

1958 Buildings 30' high, 140' S.W.

+ A few no inputs incl tots 03 unpub N.H. 12-1.52

Position of Station on Ordnance One-Inch map : No. of Map 182 National Grid Reference 342 084

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1952.			Falmer	1/2 ml	N	Falmer	1ml. N.

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
		✓	✓	✓	✓	✓