

## RAINFALL at Brighton &amp; Shoreham

County of Sussex

Observer J. Johnston Esq. C.B.

River Basin Adur &amp; 3

Cipher Met Off

Rain Gauge, by NFB

Diameter ...			8								
Height .....			19								
Altitude ...			12 ft								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...			3.15	4.65	.62	4.23	1.31	1.20	3.80	5.03	Sums 16.19 11.34
February ...			2.45	1.28	4.04	3.78	4.54	1.56	.85	2.45	7.39
March .....			4.09	2.95	5.22	.74	3.51	1.94	1.07	4.71	11.25
April .....			.04	3.11	1.93	1.37	1.11	1.70	2.48	1.99	7.28
May .....			1.27	2.06	.99	3.89	1.57	1.22	1.38	.24	4.61
June.....			2.81	.97	1.32	.51	2.69	3.37	1.08	.69	7.83
July .....			.32	1.27	3.24	1.66	4.34	.64	2.89	3.24	1.74
August.....			.59	7.25	2.44	.97	2.09	2.08	5.43	1.72	3.14
September ..			1.61	2.85	2.40	1.59	3.24	1.66	1.60	5.89	1.23
October ...			4.56	3.82	5.20	2.49	3.35	4.89	3.68	1.31	10.45
November ..			7.61	2.86	4.46	3.80	3.22	4.33	1.74	1.84	10.74
December ...			6.11	3.94	1.64	7.51	8.35	4.26	2.23	2.20	5.19
TOTALS ...			35.80	34.43	32.14	39.11	32.69	28.49	26.86	29.89	117.93

Buildings

120 yds N  
50 yds SW 1914

f 26. III. 15. Cf. In sq. iron-rail enclosure on nearly level meadow. Stp of about 3 ft - 10 ft E. Knoll about 20 ft S. Ridge of Downs about 100 ft high about 100 yds E (distance) a good site

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	50.51	0.16.45	Shoreham	1 mi	S.E.	St Nicholas old Shoreham	2.700 ft	S

484  
20

## RAINFALL at Brighton & W. Shoreham

*County of Sussex*

Observer. J. Johnston Esq. C.E.  
A. B. Cathcart Esq. C.E.

River Basin Adur & c 3

Copper M. G. Rain Gauge, by N. & J.

1920 Inspected 1915

1925 Shoreham Pumping Station 40' high. 25' NE.

1926. Cottage 30 ft high 200 ft. E.  
Chalk pit 120 ft. 400 .. E.

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

*Reference No.* —

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	50° 51'	0° 16' 45"	Shoreham	1 mi	S.E.	St. Nicholas	2700 ft	S

## RAINFALL at Brighton W.W. (Shoreham)

County of Sussex

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

River Basin Adur + c. 3

Type of Gauge 1/2 Shoreham (inspector)

Annual Average 29.2 in. based on 27 years obs. un-weighted. Period of average 1881 - 1915 Ref S

660555/2d

Diameter	8	Height	1 8	Altitude	12	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.42	2.83	2.38	2.54	1.06	4.42	5.51	4.19	6.04	2.78	34.19	on inspection 1 6 18					
February	2.17	1.16	2.34	0.08	4.40	2.38	5.51	1.82	1.39	3.26	22.56						
March	0.53	1.33	2.59	2.94	5.2	1.62	3.62	1.61	1.56	3.17	18.49						
April	2.98	2.12	.97	2.94	3.87	2.08	2.93	1.34	2.93	1.38	22.54						
May	3.30	3.28	2.09	5.3	1.66	1.90	2.40	2.63	1.65	1.65	20.08						
June	1.84	1.79	2.55	1.42	2.00	3.27	1.67	1.60	1.33	1.32	16.29						
July	4.05	3.56	1.45	1.47	1.7	4.10	1.74	1.80	3.16	2.97	25.01						
August	3.12	1.47	1.52	2.31	4.04	1.06	1.20	1.39	2.80	.09	18.00						
September	2.09	3.19	3.77	1.87	5.87	2.53	2.03	3.15	1.86	2.14	27.50						
October	1.43	1.48	1.70	2.40	5.06	1.47	2.63	3.95	6.42	3.95	35.39						
November	4.85	1.67	1.43	2.54	8.34	5.61	1.65	3.66	7.49	8.35	47.79						
December	1.38	.97	82	8.77	5.25	2.40	4.24	3.65	2.17	2.81	32.56						
TOTALS	20.16	28.85	23.61	31.81	40.24	31.84	34.13	26.99	37.42	32.87	320.40						

1931. Elevation 30' high, 200' E. Slope E. 120'. 400' S.

† Inspected 13/10/38 by G.R.R. Benwell. Gauge in best possible position.

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.			Shoreham	1½ m.	S. E.	Old Shoreham	¾ m.	S.

Station No. 4241. T.E.

## RAINFALL at Brighton W.I.W. (Shoreham)

41

County of Sussex

Observer Ch. B. Bathurst Esq. B.E.

River Basin Oldham &amp;c. 3.

F. Needham Green Esq. C.E. (1944)

Type of Gauge 5. mouthed Glaisher

Annual Average 29.2 in. based on 27 years obs. un-weighted. Period of average 1931-1955 Ref. S.

File No. b60555/2b

Diameter	8"		315	626								Total Means
Height	1' 8"				1							
Altitude	9'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950		
January	3.82	3.04	6.75	2.53	1.81	2.64	2.62	5.60	1.51	1.95	31.67	
February	3.54	.59	1.64	.96	2.16	3.53	2.29	1.69	1.22	4.90	22.52	
March	3.07	3.56	4.47	.15	1.73	1.39	7.64	.99	1.40	1.54	21.94	
April	1.22	1.09	1.48	1.91	1.08	1.81	1.76	1.31	1.39	2.23	15.28	
May	2.12	2.81	2.41	.84	2.20	2.92	1.49	2.11	1.65	1.05	19.60	
June	2.25	.27	1.56	1.35	2.25	2.80	3.17	2.07	.62	.85	17.19	
July	3.67	1.95	2.47	2.41	4.78	1.70	1.79	1.89	.19	3.00	23.85	
August	5.09	3.28	1.51	1.67	1.58	6.71	.65	4.65	2.00	2.33	29.47	
September	.31	2.56	1.67	2.29	2.03	3.37	2.27	1.77	1.80	3.69	21.76	
October	.98	3.82	2.70	4.13	3.32	.66	.69	2.09	8.21	1.08	27.68	
November	4.15	2.04	2.41	5.34	3.9	4.83	1.95	2.45	3.75	6.76	36.07	
December	1.85	2.96	2.24	2.19	4.24	3.57	2.59	3.59	2.18	2.23	27.64	
TOTALS	32.07	27.97	27.31	25.74	27.57	35.93	28.91	30.21	25.92	31.01	292.67	

1941 Cottage 30' high 200° E Chalk pit top of hill 120' high 400° E

PHW

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			Shoreham	1/2 ~	SE	Old Shoreham	3/4 ~ S.

Station No. 484 T.F.3

## RAINFALL at BRIGHTON W.W. (SHOREHAM)

51

County of SUSSEX

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

River Basin ADUR &amp; C.3

Type of Gauge GRASHER SHEDDON

Annual Average 29.2 in. based on 27 years obs. un-weighted. Period of average 1881 - 1915 Ref. S  
 " " 31.41 " 29 " 1929-57 " " 1916-50  
 File No. 660555/26

Diameter	8"			315	626							
Height	1' 8"				1		1' 0"					
Altitude	9'				51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Total Means	
January	3.74	2.82	1.44	1.41	4.38	5.44	2.37	4.65	3.54	2.86	32.98	
February	6.00	1.00	1.34	2.69	1.95	.42	4.76	2.97	.03	3.38	24.54	
March	4.03	3.05	.32	3.75	1.04	.51	1.75	1.95	1.82	1.95	20.17	
April	2.47	1.64	2.93	.60	.33	1.44	.19	.94	2.30	.75	18.49	
May	2.60	2.40	2.41	1.81	3.83	.52	.91	2.93	.56	1.58	19.55	
June	2.23	1.18	1.56	3.14	2.03	2.06	1.43	3.15	1.45	2.02	20.25	
July	2.72	1.21	2.74	4.50	.23	2.80	4.91	2.00	1.60	4.51	27.42	
August	4.62	2.82	2.08	4.09	1.51	2.99	2.06	6.78	1.97	6.20	35.12	
September	3.29	4.05	4.31	3.02	2.54	3.59	3.93	3.91	.13	4.90	38.67	
October	1.65	3.43	4.14	2.50	2.80	1.26	1.64	3.33	2.75	1.81	31.37	
November	5.20	4.20	2.12	5.31	1.46	.80	3.00	2.63	4.31	6.50	35.53	
December	3.23	4.10	1.00	3.35	3.86	4.98	2.35	4.93	7.04	4.09	38.93	
TOTALS	41.78	31.90	26.59	36.07	25.96	27.14	24.30	40.17	27.50	46.61	333.02	
	D	D	D	D	D	D	D	D	D	D	D	

Dec 1957. gauge lowered to 1 ft above ground.  
 Huk. I. 1881-1915. Tree 20, 3d WSW. otherwise satisfactory. Fair for good measure.  
 1958 Cottage 30' high, 200'E, Chalk Pit 120' high 400'E.

Position of Station on Ordnance One-Inch map : No. of Map 182 National Grid Reference T.R. 210.068

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1952.			Shoreham	1½ ml.	SE	Old Shoreham	¾ ml. S

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 imp'll	✓	✓	✓	✓