

RAINFALL at Brighton W. ShorehamCounty of SussexObserver J. Johnston Esq. Cl.River Basin Adur & C 3Copper Mel off Rain Gauge, by N+3

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	
February ...			2.45	1.28	4.04	3.78	4.54	1.55	.85	2.45	
March .....			4.09	2.95	5.22	.74	3.51	1.94	1.07	4.71	
April .....			.04	3.11	1.93	1.37	1.11	1.70	2.48	1.99	
May .....			1.27	2.06	.99	3.89	1.57	1.22	1.38	.24	
June .....			2.81	.97	1.32	.51	2.69	3.37	1.08	.69	
July .....		<del>32</del>	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	5.23	2.49	3.35	4.89	3.68	1.31	.67	
November ..		7.61	2.86	4.46	3.80	3.22	4.33	1.76	1.84	2.81	
December ...		6.11	3.94	1.64	7.51	8.35	4.36	2.23	2.20	5.19	
TOTALS ...			35.80	34.43	32.14	39.11	32.69	28.49	26.86	29.89	

Sums

16.11

11.34

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7.28

4.61

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Buildings

120 yds N  
50 yds SW 1914

+ 26.11.15. Cl. In 29. iron-railed enclosure on nearly level meadow, dip of about 3 ft. 10 ft E. Knote about 20 ft. S. Ridge of dunes about 100 ft high about 100 yds E (6 ft. base) 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.	S. Michael at Shoreham	2.700 ft	S

RAINFALL at *Brighton N.W. Shoreham*County of *Sussex*Observer *J. Johnston Esq. C.E.*  
*A. B. Bathurst Esq. C.E.*River Basin *Adur & C. 3*Copper M.C. Rain Gauge, by *N. & S.*

Diameter ...	8							8					
Height .....	19					40	30	18					
Altitude ...	12					8		12					
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	Total	
January ...	3.87	3.13	4.20	1.69	2.33	3.90	3.70	2.49	5.05	1.63	3.34	35.33	
February ...	.74	.57	2.60	4.53	.47	3.94	3.56	3.74	1.33	1.87	1.35	24.70	
March .....	1.93	1.22	1.53	2.65	1.72	.58	.47	3.26	2.15	.06	2.01	17.58	
April .....	2.63	.79	3.32	4.02	2.71	3.38	3.03	2.08	2.72	.96	2.37	28.01	
May .....	1.28	1.58	.76	2.95	3.47	2.73	2.50	.87	1.21	1.99	1.77	21.11	
June .....	1.50	.04	1.97	.46	3.45	.11	3.77	4.18	2.36	2.26	.72	20.82	
July .....	4.71	.31	2.91	1.88	3.69	4.59	1.74	1.73	2.02	2.02	2.21	27.81	
August .....	1.15	1.50	2.94	3.25	2.95	2.73	2.28	4.60	2.62	2.52	4.09	30.53	
September...	3.29	.78	1.83	2.37	3.28	2.73	.39	6.25	.90	.92	2.74	25.48	
October .....	2.27	1.07	.75	6.14	4.96	3.66	2.69	1.88	8.30	3.95	3.08	38.75	
November...	2.33	1.96	1.50	2.16	2.89	3.33	6.45	3.05	3.87	8.42	5.67	41.63	
December...	3.14	1.90	3.07	3.43	5.06	4.63	.28	4.25	4.01	5.98	3.04	38.77	
TOTALS...	28.84	14.85	27.38	35.53	36.88	36.31	30.86	38.38	36.54	32.58	32.39	350.54	

1920 Inspected 1915.  
 1925 Shoreham Pumping Station 40' high. 25' NE.  
 1926 Cottage 30ft high 200ft E.  
 .. Chalk pit 120ft .. 400 .. E.

Position of Station on reduced Ordnance Survey Map, 2 miles 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
1920	50° 31'	0° 16' 45"	Shoreham	1 mi	S.E.	St. Nicholas	2700 ft	S

RAINFALL at Brighton V.V.W. (Shoreham)County of SussexObserver A.B. Cathcart, Esq. C.E.River Basin Adur + 3Type of Gauge Hy. & Snowdon (on inspection)Annual Average 29.2 in. based on 27 years obs. ~~un~~-weighted. Period of average 1881 - 1915 Ref. S

660555/26

Diameter	8											
Height	1 8							on inspection 1 6 1 8				
Altitude	12						9					
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	6.06	2.78	34.19	
February	2.17	.16	2.34	.08	4.45	2.38	5.51	.82	1.39	3.26	22.56	
March	.53	1.33	2.59	2.94	.52	1.62	3.62	.61	1.56	3.17	18.49	
April	2.98	2.12	.97	2.94	3.87	2.08	2.93	.34	2.93	1.38	22.54	
May	3.30	3.28	2.09	.53	1.65	.90	2.40	2.63	1.65	1.65	20.08	
June	1.84	1.79	2.55	1.42	2.50	3.27	.67	.60	1.33	.32	16.29	
July	4.05	3.56	1.45	1.47	.7	4.10	1.74	1.80	3.14	2.97	25.01	
August	3.12	.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	2.83	2.03	3.15	.84	2.14	27.50	
October	.43	7.48	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	3.86	7.49	8.35	47.79	
December	1.38	.97	.52	8.77	5.25	2.40	4.34	3.65	2.17	2.81	32.56	
TOTALS	29.16	28.85	23.61	31.81	43.32	31.84	34.13	26.99	37.82	32.87	320.40	

1931. Cottage 30' high, 200' E. Chalk pit 120', 400' E.

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

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
1931.			Shoreham	1 1/2 m.	S. E.	Old Shoreham	3/4 m.	S.

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

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County of SussexObserver A. B. Bathcock Esq. B.Sc.River Basin Adur &c. 3F. Needham Green Esq. C.E. (1944)Type of Gauge GlaisherAnnual Average 29.2 in. based on 27 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. SFile No. 660555/ab

Diameter	8"			315	626							
Height	1' 8"				1							
Altitude	9'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Totals	Means
January	3.82	3.04	6.75	2.53	1.81	2.64	2.62	5.60	1.51	1.35	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	.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	.39	4.83	1.95	2.45	7.75	6.76	34.07	
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	25.77	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

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

BRITISH RAINFALL ORGANIZATION

RAINFALL at BRIGHTON N.W. (SHOREHAM)

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County of SUSSEX

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

River Basin ADUR &amp; C.3

Type of Gauge GAISLER SNOWDON

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	5.77	2.31	4.65	3.57	2.86	32.98	
February ...	6.00	1.00	1.34	2.69	1.95	.62	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	.50	.33	1.44	.19	.94	2.30	.75	13.49	
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	33.67	
October ...	1.65	3.43	4.14	2.50	2.30	1.26	1.64	3.33	2.75	7.87	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	31.07	25.96	27.14	29.30	40.17	27.50	46.61	333.02	
	D	D	D	D	D	D	D	D	D	D	D	

Dec 1957, gauge lowered to 15' above ground.

Inst. I. 1587 BOK. Tree 20' 30' WSW. otherwise satisfactory. F.C. 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 TQ 210 958

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1452.			Shoreham	1 1/2 ml. SE	Old Shoreham	3/4 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	✓	✓	✓	✓
	✓	✓	✓	✓	✓