

RAINFALL AT

5 miles East,
Brighton W. W. Upper Portslade

Lat. Lon. County of East Sussex

Flasher Rain Gauge, by 1st 3 Observer J. Johnston Esq. C.E.

Diameter ..	8										
Height	1. 3										
Altitude ..	167 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.49	.86	.85	3.38	4.64	1.21	5.29	.88	1.46	1.11	2317
February ..	4.36	1.47	1.63	1.28	2.99	.52	2.65	1.39	1.13	.40	1785
March ....	.72	1.35	1.37	2.21	1.09	3.78	1.31	.80	1.96	3.87	1846
April	1.24	1.78	.76	2.14	1.59	1.79	1.06	3.66	2.16	1.34	1752
May .....	.55	.99	2.15	2.40	3.63	.46	2.24	1.89	1.56	1.52	1739
June	2.77	1.18	2.95	2.98	1.21	4.10	2.33	2.16	1.11	2.61	2340
July	1.38	2.30	1.18	4.72	1.01	.29	.32	.93	2.80	3.25	1818
August	2.70	1.40	4.49	3.50	1.68	1.89	1.02	1.47	3.01	2.69	2385
September ..	.94	1.85	.47	2.36	1.79	2.58	1.15	.74	1.71	3.32	1686
October	2.59	2.96	2.09	6.02	2.18	1.78	4.13	4.84	1.50	9.23	3732
November ..	3.87	.38	2.71	1.71	1.17	4.86	6.61	1.86	1.31	1.56	2604
December ..	3.90	3.81	1.84	1.85	3.03	.84	2.16	2.50	3.18	4.58	2769
TOTALS ..	28.51	20.33	22.49	34.55	26.01	24.05	30.27	23.12	22.89	35.48	26770

1901 January 1st Gauge moved 250 ft E

1908 Dec corrected for Snow

1909 Portslade Church 6.800 ft SE

" Station 10.500 " SE

RAINFALL at Brighton W.W. Upper Polegate Mile OakCounty of SussexObserver J. Johnston Esq. C.E.River Basin Adur + C 3Gaffer Slaschi Rain Gauge, by Stanley
8-00 8-00 8-00 8-00

Diameter ...	9											
Height	1.3											
Altitude ...	167											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.79	1.63	3.27	4.90	.77	4.24	1.71	1.29	4.21	5.44		Sum 5
February ...	4.31	1.62	2.83	1.44	4.28	4.07	5.12	1.72	1.11	2.93		16-19
March	2.10	2.42	4.08	2.91	5.27	.89	3.95	2.14	1.31	4.94		12-65
April	2.32	1.89	.04	3.32	1.91	1.43	1.17	1.70	2.68	2.21		10-88
May	2.67	.84	1.32	2.59	1.04	4.22	1.36	1.17	1.32	.33		12-34
June	3.54	2.05	2.77	1.11	1.25	.48	2.94	3.61	1.22	.89		7-76
July	2.69	.39	1.18	3.48	1.70	3.88	.64	2.89	3.24	1.60		4-68
August	3.06	.44	7.73	2.19	.81	2.02	1.91	5.98	1.78	3.34		8-37
September ..	.18	1.79	2.92	2.59	1.59	3.04	1.73	1.66	6.24	1.27		13-01
October ...	3.68	4.85	4.10	5.11	2.94	3.39	5.15	3.96	1.70	.61		10-90
November ...	6.01	8.01	3.09	4.20	4.25	3.40	4.73	1.81	2.01	3.07		11-42
December ...	2.99	6.20	4.42	1.81	8.02	9.02	4.69	2.77	2.45	5.64		11-62
TOTALS ...	36.34	32.13	37.75	35.65	33.83	40.08	35.60	30.70	29.27	32.27		15-55
	D	D	D	D	D	D	D	D	D	D		127.34

1914 W.W. Buildings

50 yards W

+ 26. III. 15. C.S. In good condition. In cement in large water enclosure
slipping slightly to W. 120 ft shaft about 30 yds N.W. A fairly good rate but
might be in a strong W. wind.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	50.51.30	0.14.	Southchurch Polegate	1 3/4 MI	S	St. Nicholas Polegate	1 1/2 MI	SE

RAINFALL at *Witle Oak* *Brighton W. M. Upper Portlade*

County of *Sussex*Observer *J. Johnston Esq. C.E.*
*A. B. Gathcart Esq. C.E.*River Basin *Adur & C. 3**Copper Glaisier* Rain Gauge, by

Diameter ...	3				8							
Height	1 3				4 0 3 0 1 3							
Altitude ...	167				163 164 166							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	Totals.
January ...	4.15	3.19	4.43	1.60	2.53	4.11	3.86	2.59	5.35	1.54	3.35	36.70
February ...	.72	.52	2.90	4.31	.49	3.62	3.81	3.55	1.29	1.98	1.30	26.47
March	1.94	1.20	1.71	2.34	1.69	.52	.40	3.48	2.54	.07	2.06	17.95
April	2.83	.85	3.55	3.85	2.65	4.00	3.11	2.20	3.11	.97	2.27	24.37
May	1.21	1.57	.87	3.17	3.44	3.06	2.76	1.07	1.22	2.30	1.88	22.55
June	1.81	.03	1.86	.49	3.42	.10	3.76	4.44	2.56	2.28	.78	21.53
July	4.98	.33	3.21	2.04	3.71	4.94	1.82	1.62	2.09	2.20	2.46	27.45
August	1.27	1.53	3.54	3.14	2.51	2.88	2.39	5.51	2.56	2.00	3.77	31.10
September...	3.36	.76	1.81	2.29	3.99	2.94	.49	6.36	1.00	.73	3.22	26.75
October	2.25	1.71	.77	6.11	4.67	3.99	2.79	2.05	8.19	3.87	2.94	37.64
November...	2.60	1.95	1.51	2.17	2.97	3.40	6.29	3.52	3.85	8.79	5.57	42.62
December...	3.53	2.05	3.31	3.47	4.83	4.69	.45	5.32	4.07	6.13	2.99	40.84
TOTALS...	30.65	15.69	29.47	34.98	36.90	38.25	31.93	41.71	38.13	32.86	32.59	363.16
	D	D	D	D	D	D	D	D	D	D	D	

1920. Inspected 1915.
 1925 Pumping Station 60' high, 400' W.
 1926 Shaft 130ft. high 88 ft. W.
 " Building 30 .. 104 .. S.W.

485
 1711

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	Parish Church.	Distance from gauge	Direction
1920	50° 51' 30"	0° 14'	Southwick Portlade	1 1/4 mi	S	St. Nicholas Portlade	1 1/4 mi	S E

RAINFALL at Brighton W.W. (Mile Oak)County of SussexObserver A. B. Cathcart, Esq., C.E.River Basin Adur &c.Type of Gauge 6 in. glass (on inspection)Annual Average 8 in. based on years obs. un-weighted. Period of average.....Ref. 660555/26

Diameter	3										
Height	13							on inspection 10			
Altitude	166										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.35	2.70	2.31	2.45	.89	4.23	5.75	4.39	4.49	3.12	34.68
February	2.11	1.19	2.39	.06	3.93	2.34	5.29	.96	1.39	3.18	21.84
March	.54	1.44	2.59	2.89	.51	1.69	3.34	.64	1.64	3.27	19.07
April	2.94	2.13	1.15	2.59	3.68	2.12	2.95	.38	3.17	1.31	22.42
May	3.07	3.20	2.47	.46	1.68	.81	2.44	2.45	2.26	1.98	20.82
June	1.55	1.70	1.98	1.24	2.26	2.63	.78	.61	1.51	.36	14.62
July	3.87	3.07	1.52	1.60	.46	3.83	1.82	1.70	3.37	2.72	23.96
August	2.80	.47	1.39	2.11	4.18	.81	1.35	1.24	2.87	.12	17.34
September	2.18	3.20	3.93	1.69	5.88	2.28	2.52	3.09	.71	2.11	27.59
October	.37	7.42	1.75	2.20	4.85	1.43	2.59	3.92	6.21	4.12	34.86
November	4.83	1.61	1.19	4.43	7.73	5.62	1.94	3.64	8.16	8.12	47.27
December	1.32	.54	.76	8.33	4.88	2.82	4.11	3.55	2.41	3.01	31.73
TOTALS	27.93	27.97	23.43	30.05	40.93	30.31	35.38	26.57	40.21	33.42	316.20

1931. Shaft 130' high, 88' w.
Building 30' " 104' h.
+ Inspected 12/10/38 by G.R.R. Bennell. Site satisfactory.

1940 Average rejected from Survey as being 2" low

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.			Portslade	2 m.	S.	Old Portslade	1 1/4 m.	S.

RAINFALL at Brighton W.W. (Mile Oak) ✓

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County of Sussex

Observer A. B. Latham, Esq. B.E.

River Basin Odeur & C. 3

F. Needham, Esq. C.E. (Lancs)

Type of Gauge Llysister

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

File No. 660555/ab

Diameter	8"			3 1/4	0 7/8						
Height	1' 0"				1					10"	
Altitude	166'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Totals Means
January	3.65	3.04	6.72	2.56	1.94	2.75	2.41	5.75	1.50	1.37	31.69
February	3.74	.61	1.65	1.15	2.31	3.33	2.40	1.71	1.30	4.89	23.09
March	3.24	3.81	.43	.16	1.77	1.48	7.37	.93	1.29	1.65	22.13
April	1.44	1.12	1.35	1.96	1.03	1.84	1.77	1.25	1.46	2.22	15.44
May	1.94	2.91	2.29	.45	2.12	2.93	1.27	2.13	1.44	.92	18.60
June	2.40	.22	1.45	1.38	2.15	2.83	3.65	2.18	.55	.91	17.72
July	3.29	2.08	2.73	2.46	4.85	1.74	2.32	1.68	.18	2.99	24.31
August	4.94	3.60	1.53	1.75	1.59	6.91	.44	4.67	1.85	2.65	30.23
September	.35	2.60	1.57	2.28	2.17	3.64	2.25	1.75	1.88	3.56	22.05
October	1.21	3.64	2.96	4.13	3.40	.68	.64	2.24	8.57	1.06	22.53
November	4.55	2.23	2.42	5.49	.91	4.80	1.86	2.73	3.81	6.94	35.04
December	1.95	2.79	2.31	2.18	4.18	3.46	2.73	3.30	2.05	2.15	27.10
TOTALS	32.70	28.65	27.41	25.94	27.72	36.39	29.41	30.32	26.08	31.31	295.93

1941. Shift 130' high 88' W Building 30' high 104' SW

1945. Corrected for arithmetic, 14/2/56. Rote

295.93 H.H.

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			Portslade	2 miles	S	Old Portslade	1/4 in	S.

BRITISH RAINFALL ORGANIZATION

Station No. 485 T.F. 3

RAINFALL at BRIGHTON W.W. (MILK OAK)

51

County of SUSSEX

Observer F. NEEDHAM GREEN, F.R.S., C.E.

River Basin ADUR & C 3

Type of Gauge GLAISHER⁺

Annual Average in. based on years obs. un-weighted.

Period of average

Ref.

31.52 " " 35 " " 46-1950

1916-1950 660555/26 P

File No.

Diameter ...	8"										
Height ...	1' 0"										
Altitude ...	166'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Totals Means
January ...	3.64	2.66	1.60	1.50	4.33	5.92	2.31	4.87	3.48	2.95	33.26
February ...	5.84	.96	1.30	2.75	1.92	.34	4.68	3.06	.05	3.46	24.36
March ...	4.12	3.27	.32	3.78	1.08	.44	1.78	2.08	1.80	1.84	20.56
April ...	2.19	1.85	2.69	.46	.15	1.60	.20	1.00	2.52	0.94	13.60
May ...	2.52	2.92	2.04	1.85	8.75	.57	.94	3.04	.48	1.57	19.68
June ...	2.36	1.09	1.55	2.99	1.95	2.23	1.24	3.48	1.52	2.02	20.43
July ...	2.81	1.43	3.31	4.77	.06	2.80	4.57	2.62	2.20	4.42	28.99
August ...	5.21	3.02	2.24	3.09	1.43	3.40	2.01	5.97	1.91	6.20	34.48
September ...	3.10	3.85	4.23	3.23	3.35	3.45	4.07	4.42	.13	4.71	34.54
October ...	1.74	3.50	4.06	2.46	2.77	1.45	1.64	3.11	2.99	8.23	31.95
November ...	5.52	4.44	2.21	5.51	1.49	.78	3.31	2.72	3.72	2.50	37.40
December ...	2.95	4.46	.98	3.29	3.75	5.08	2.58	5.34	7.21	4.57	40.21
TOTALS ...	42.00	33.45	26.53	35.68	26.03	28.11	29.33	41.71	28.21	48.41	339.46
	D	D	D	D	D	D	D	D	D	D	

High 1125 f. 60K. Apple tree 8', 10' SE Satisfaction, exposure. Site to be moved shortly due to reconstruction but only a few yds. away with similar exposure if anything slightly better. When construction completed it will again be used to note new occurrences by P.S. and where lanes will be made.

1958. Chimney shaft 130' high, 88' W. Building 30' high, 104' S.W.

+ A. From anemograph 7.20 height from deck not required.

Position of Station on Ordnance One-Inch map:

No. of Map 192

National Grid Reference 243080

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1952.			Portolade	2nd.	S.	Old Portolade	1 1/4nd.	S.

Summary of Earlier Records from 10-year Sheets:

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓	✓	✓	✓	