

Mile Oak,
W. W. Upper Portslade

RAINFALL AT Brighton -

Lat. Lon. County of East Sussex

Glenmore Rain Gauge, by 5 ft 3 Observer J. Johnston Esq. CL.

Diameter ..	8										
Height	1. 3										
Altitude ..	167 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.49	.86	.85	3.38	4.64	1.21	5.29	.88	1.46	1.11	2.317
February ..	4.36	1.47	1.63	1.28	2.99	.52	2.65	1.39	1.13	.40	1.735
March ..	.72	1.35	1.37	2.21	1.09	3.78	1.31	.80	1.96	3.87	1.846
April ..	1.24	1.78	.76	2.14	1.59	1.79	1.06	3.66	2.16	1.34	1.752
May ..	.55	.99	2.15	2.40	3.63	.46	2.24	1.89	1.56	1.52	1.739
June ..	2.77	1.18	2.95	2.98	1.21	4.10	2.33	2.16	1.11	2.61	2.340
July ..	1.38	2.30	1.18	4.72	1.01	.29	.32	.93	2.80	3.25	1.818
August ..	2.70	1.40	4.49	3.50	1.68	1.89	1.02	1.47	3.01	2.69	2.385
September ..	.94	1.85	.47	2.36	1.79	2.53	1.15	.74	1.71	3.32	1.686
October ..	2.59	2.96	2.09	6.02	2.18	1.78	4.13	6.84	1.50	9.23	3.732
November ..	3.87	.38	2.71	1.71	1.17	4.86	6.61	1.86	1.31	1.56	2.604
December ..	3.90	3.81	1.84	1.85	3.03	.84	2.16	2.50	(3.18)	4.55	2.769
TOTALS ..	28.51	20.33	22.49	34.55	26.01	24.05	30.27	23.12	(22.89)	35.48	26.770 ✓

D D D D D

H.B.

1901 January 1st Gauge moved 250 ft E

1908 Dec converted for rain

1909 Portslade Church 6.800 ft SE

" Station 16,500 " SE

RAINFALL at Brighton W.W. Upper Portlade mile Oak

County of Sussex

Observer J. Johnston Esq. C.

River Basin Adur + C

No 2

Worke Glashui Rain Gauge, by Standard

8.00 8.00 8.00 8.00

Diameter ...	9										MEANS.
Height	1.3										
Altitude ...	167										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...	2.79	1.63	3.27	4.90	.77	4.24	1.71	1.29	4.21	3.44	
February ...	4.31	1.62	2.83	1.44	4.28	4.07	5.12	1.72	1.11	2.93	10.88
March	2.10	2.42	4.08	2.91	5.27	.89	3.95	2.14	1.31	4.94	12.34
April	2.32	1.89	.04	3.22	1.91	1.43	1.17	1.70	2.68	2.21	7.76
May	2.67	.84	1.32	2.59	1.04	4.22	1.86	1.17	1.32	.33	4.68
June.....	3.54	2.05	2.77	1.11	1.25	.48	2.94	3.61	1.22	.89	8.66
July	2.69	.39	1.18	3.48	1.70	3.88	.64	2.89	3.24	1.60	8.37
August.....	3.06	.44	7.73	2.19	.81	2.02	1.91	5.98	1.78	3.34	13.01
September ..	.18	1.79	2.92	2.59	1.59	3.04	1.73	1.66	6.24	1.27	10.90
October ...	3.68	4.85	4.10	5.11	2.94	3.39	5.15	3.96	1.70	.61	11.42
November ..	6.01	8.01	3.09	4.20	4.25	3.40	4.73	1.81	2.01	3.07	11.62
December ...	2.99	6.20	4.42	1.81	8.02	9.02	4.69	2.77	2.45	5.64	15.55
TOTALS ...	36.34	32.13	37.75	35.65	33.83	40.08	35.60	30.70	29.27	32.27	
	7	7	7	7	7	7	7	7	7	7	

1914 W.W. Building

50 yards W

+ 26. III. 15. C.S. gain good condition. In cement in large walled enclosure
 rising slightly to W. 120 ft. shaft about 30 yds N.W. A fairly good site but
 might lose in strong W. wind.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	50.5130	0.14.	Southwick Portlade	1 3/4 mi	S	St Nicholas Portlade	1 1/2 mi	S E

RAINFALL at Brighton N.W. Upper Portsledge

County of Sussex

Observer J. Johnston Esq. C.E.

A. B. Catchpole, C.E.

River Basin Adur & c 3

Met.

Copper Glaisher Rain Gauge, by

Diameter ...	9								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	M.R.A.S.		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	
February72	.52	2.90	4.31	.49	3.62	3.81	3.55	1.29	1.98	1.30			24.49	
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			29.39	
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	.29	3.42	.10	3.76	4.44	2.56	2.23	.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			29.60	
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...	3.86	.76	1.81	2.29	3.99	2.94	.49	6.36	1.00	.73	3.22			26.95	
October.....	2.25	1.71	.77	6.11	4.67	3.99	2.79	2.05	8.19	3.87	2.94			39.64	
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	

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

JFM

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
1920	50° 51' 30"	0° 14'	Southwick Portsledge	1 1/4 mi S		St. Nicholas Portsledge	1 1/4 mi S E

RAINFALL at Brighton W.W. (Mile Oak)

County of Sussex

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

River Basin Adur &c.3

Type of Gauge 4 ft. Glaisher (or inspection)

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

Ref.

660555/26

Diameter	8	Height	13	Altitude	160	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total 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	1.54	1.44	2.59	2.89	.51	1.69	3.84	.64	1.66	3.27	19.07						
April	2.94	2.13	1.15	2.59	3.68	2.12	2.95	.38	3.17	1.31	32.42						
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	1.47	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	1.42	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	2.52	4.11	3.55	2.41	3.01	31.73						
TOTALS	27.93	27.97	23.43	30.05	40.90	30.31	35.38	26.57	40.21	33.42	316.20						

1931. Shaft 130' high, 88' W.

Building 30' " 104' SW.

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

MAP

1940 Average reported from Survey as being 2" low

Position of Station on reduced Ordnance Survey Map, No. of Map..... Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1931.			Portslade	2 m.	S.	Old Portslade	1 1/4 m. S.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 4485 T.E.

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

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County of Sussex.

Observer A. B. Leathem, Esq. B.Sc.

River Basin Adur &c.c.

F. Needham, Surveyor, Esq. C.E. (1945)

Type of Gauge Glaisher.

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

File No. b60555/2.b.

Diameter	8"		314	073								
Height	1' 0"				1							10"
Altitude	166'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Total	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	4.43	.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	4.45	2.12	2.93	1.27	2.13	1.64	.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	.74	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	28.53	
November	4.55	2.23	2.42	5.49	.21	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	27.73	36.39	29.41	30.32	26.08	31.31	295.93	

1941. Shaft 130' High 30° W Building 30' High 104° S ~

1945. Corrected for aneroid, 14/2/56. Rate

295.93 NW

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			Portslade	2 miles	S	Old Portslade	1/4 m S

314073

Station No. 485 T.F.

RAINFALL at BRIGHTON W.W. (MILK OAK)

County of SUSSEX

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

River Basin ADVR + c 3

Type of Gauge GARISHER

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....
 31.52 " " 25 " 1916-1950 1916-1950 File No. 660555126 P

Prop. I-127 f. B.O. Apple tree 8', 10' S.E. Satisfaction, expense. Site to be more shabby due to reconstruction but only a few yrs. away with similar expense if anything slightly better. When construction completed & well again be used to site now occupied by P.S. are where lawn will be replete.

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

+A. An ectomycorrhizal is kept here best-not regulated.

Position of Station on Ordnance One-Inch map : No. of Map 192 National Grid Reference 243 80

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1952.			Portlaoise	2 mi.	S.	old Portlaoise	1 1/4 mi.	S.

Summary of Earlier Records from 10-year Sheets:

1916-1950, P- accepted

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