

RAINFALL AT *Brighton N. W. Goldstone Bottom.*Lat..... Lon..... County of *Passaic*Rain Gauge, by..... Observer *J. H. Long June 60*

Diameter .....		5										
Height .....												
Altitude .....		140										
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....		<sup>#</sup> 3.50	5.73	3.55		4.40						
February .....		1.43	2.55	1.47	1.57	1.37						
March .....		1.23	2.30	1.58	.34	.66						
April.....		<sup>+</sup> 4.31	.78	.67	2.25	1.48						
May .....		.15	2.87	1.18	.37	.68						
June.....		2.72	2.87	1.56	1.90	2.53						
July .....		3.37	1.28	1.96	1.46	3.91						
August.....		1.44	1.62	3.54	2.02	1.37						
September.....		3.38	2.09	2.59	2.91	1.86						
October.....		1.46	5.44	5.11	4.68	4.16						
November.....		.85	6.25		2.42	6.23						
December....		2.27	5.76		2.74	.91						
TOTALS .....		26.11	39.54			29.56	32.24	36.30	31.13	NK		

1873 Nov? 1st to 17th 1.30 1874 January from 12th 2.10  
 1873-75 Entered from weekly returns so that sometimes  
 a few days at the beginning or end of the months  
 are included in the wrong month

# 80

## RAINFALL AT Brighton W Goldstone Bottom

Lat. ....

Lon. ....

County of

East-Sussex 3

Rain Gauge, by

Observer

W. W. Insell

W. J. Baker

Diameter ....		5									
Height .....		0.10									
Altitude ....		140									
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....							5.29				
February ....							7.4				
March .....							1.52				
April .....							2.26				
May .....							4.80				
June .....							8.4				
July .....							3.08				
August .....							1.40				
September ...							.56				
October ....							3.94				
November ....							4.27				
December ....							5.39				
TOTALS ...		32.80	25.97	28.70	25.69	27.10	34.09	24.07	27.79	25.11	

1880 Total sent as 3.14 and no explanation could be obtained

RAINFALL AT Brighton W.W. Goldstone Bottom

Lat. ....

Lon. ....

County of

E. Sussex 3

Rain Gauge, by

Observer

J. Baker EsqW. H. H. Esq. C.R.

Diameter ....	5						8				
Height .....	0 10		1 0	0 5	2 0	0 7	9			7	
Altitude ....	140 $\pi$										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....			.97	1.91	4.16	1.90	1.04	1.84	.52	2.77	
February ....			1.14	3.60	2.18	.11	.26	2.94	1.06	2.82	
March .....			1.20	.37	1.44	1.89	2.72	4.41	.63	.64	
April .....			1.32	.05	2.29	2.35	.55	2.14	.78	2.17	
May .....			1.34	.48	1.32	.24	.36	1.47	3.13	1.25	
June .....			2.04	.61	1.83	.35	2.15	2.79	1.27	.93	
July .....			2.06	4.98	5.26	2.66	(1.03)	.48	.49	.79	
August .....			2.80	.80	2.50	2.57	1.02	2.91	1.21	.61	
September....			2.67	3.61	2.51	.71	6.95	2.43	.92	3.32	
October.....			4.50	4.91	3.75	4.64	4.36	.41	3.58	1.90	
November....			2.95	2.07	4.15	4.33	1.34	1.49	2.92	4.42	
December ....			2.93	2.61	2.26	3.13	3.88	3.45	2.63	1.73	
TOTALS ...	24.56	31.91	25.92	26.00	33.65	24.88	25.66	26.76	19.44	23.35	26.213

1894 January 12th Gauge moved more into the open  
 1896 July 14 Gauge changed for 8" fixed on same spot



# RAINFALL AT

Brighton W.W. Goldstone Bottom

Lat. ....

Lon. ....

County of

East Sussex

Flasher Rain Gauge, by 1873

Observer J. Johnston Esq. Ch.

Diameter ..	8										
Height ....	0 7										
Altitude ..	140 ft										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.19	.63	1.01	2.45	4.12	.89	4.80	1.00	1.48	1.12	2.069
February ..	4.19	1.42	1.14	1.17	2.82	.58	2.31	1.49	1.15	.29	1.656
March ....	.76	1.11	1.50	2.07	.73	4.22	1.08	.94	1.91	3.64	1.796
April .....	1.08	1.86	.82	2.09	1.43	1.69	.82	3.11	1.73	1.02	1.565
May .....	.54	.73	2.14	1.84	3.53	.55	2.22	1.66	1.82	1.17	1.620
June .....	2.32	.94	2.53	2.06	.87	3.18	1.92	1.96	1.25	1.95	1.898
July .....	1.06	1.69	1.19	3.82	.51	.41	.36	1.35	3.08	2.84	1.631
August ....	2.21	1.51	4.13	3.42	1.71	2.05	1.30	1.28	3.09	3.22	2.393
September ..	.89	1.52	.28	2.46	1.55	2.44	1.27	.64	1.56	3.63	1.624
October ....	2.30	3.46	1.77	6.03	2.07	1.76	4.94	4.93	(1.46)	7.73	3.645
November ..	3.42	.38	2.67	1.69	1.13	4.96	6.27	1.89	1.30	1.19	2.490
December ..	3.54	3.92	1.21	1.88	3.37	.75	2.36	2.73	(3.54)	4.06	2.736
TOTALS ..	25.50	19.17	20.39	30.98	23.84	23.48	29.65	22.98	(23.37)	31.86	25.122

1908 Oct 9 New Gauge.

Oct 8 Estimated

Dec Corrected for S

1909 West Blatchington Church 2000 ft W

Home Station

4000

S

RAINFALL at Brighton W.D. Goldstone BottomCounty of Sussex Observer J. Johnston Esq C.E.River Basin Adur + C 3

M.O.

Rain Gauge, by Stanley

Diameter ...	8											
Height .....	0 7											
Altitude ...	140 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Sum
January ...	2.60	1.29	2.85	4.80	.80	4.27	1.59	1.24	3.72	4.91		16.19
February ...	3.61	1.86	2.36	1.10	3.98	4.23	3.84	1.44	.90	2.45		11.86
March .....	1.53	1.75	4.28	2.67	4.94	.74	2.78	1.66	1.11	4.28		9.83
April .....	1.94	1.54	.01	3.01	1.59	1.40	1.15	1.74	1.93	2.19		7.01
May .....	2.05	.81	1.28	2.17	.88	3.55	1.84	1.12	1.26	.19		4.41
June .....	3.01	2.31	3.15	.68	1.30	.56	2.51	3.03	1.42	.85		7.71
July .....	2.49	.50	1.24	3.28	1.93	4.34	.76	2.88	3.37	1.32		8.33
August .....	2.60	.27	6.51	2.52	.78	1.77	1.64	4.98	1.98	3.94		12.54
September ..	.13	1.63	2.88	1.85	1.55	2.15	1.88	1.31	5.88	1.16		10.23
October ...	2.91	4.74	3.86	4.75	2.62	3.44	4.97	3.76	1.51	.61		10.85
November ..	5.06	6.70	2.39	4.52	3.74	3.05	4.74	1.56	1.78	3.20		11.28
December ...	2.77	6.55	4.71	1.56	7.89	8.83	4.35	1.62	2.30	5.16		13.43
TOTALS ...	30.70	29.45	35.52	32.91	32.00	38.33	32.05	26.34	27.16	30.26		115.8
	D	D	D	D	D	D	D	D	D	D		2.4

194 W.W. Doulings

350 ft SE

+ 26. III. 15 C.S. very badly exposed - in drainpipe at corner of reservoir.  
 Slope down about 12 ft. NNE & N. Record must be accepted with reserve.  
 Shallow funnel g. until 5 or 6 years ago. Suggested new site on Res. slightly  
 hollowed on S. by trees. Slight bank down on N. 20-25 ft. away.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
11	50 50 30	0 10 taken above		2/3 m	S	St Peter	1/2 m	W

RAINFALL at Brighton N.W. Goldstone BottomCounty of SussexObserver J. Johnston Esq. C.E.River Basin Adur & C 3A. B. Balcourt Esq. C.E. (1922)M.O. Rain Gauge, by Stanley & Co.

Diameter ...	8											
Height .....	0	7				4	0	3.0		1		
Altitude ...	140					136	137		142			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means	Totals
January ...	4.12	2.77	4.09	1.55	2.30	3.85	3.61	2.23	4.97	1.34	3.13	33.96
February ...	.56	.51	2.58	4.29	.44	3.60	3.38	3.35	1.39	1.64	1.40	23.04
March .....	2.02	1.22	1.52	2.32	1.46	.46	.34	3.38	1.99	.08	1.37	16.16
April .....	2.83	.87	2.87	3.58	2.51	3.42	3.18	1.81	2.57	.47	1.78	25.87
May .....	1.04	1.69	.76	2.82	3.25	2.82	2.71	.97	1.21	2.01	1.80	21.08
June .....	1.93	.00	1.39	.50	2.76	.07	3.47	4.16	2.68	2.26	.90	20.11
July .....	4.38	.37	3.09	2.49	3.42	4.45	1.77	1.22	2.04	1.69	2.55	27.50
August .....	1.14	1.37	2.80	2.76	3.76	2.64	2.92	4.12	1.72	2.76	3.38	27.37
September...	2.73	.97	1.93	2.65	3.20	2.72	.65	5.98	.80	.97	2.56	25.16
October .....	1.77	.68	.67	6.00	5.30	4.13	2.21	2.19	7.22	3.61	2.83	36.61
November...	2.15	1.96	1.65	1.73	2.86	3.11	6.62	3.00	3.81	8.88	5.45	41.22
December...	2.95	2.01	3.19	3.22	4.20	4.24	.46	3.70	3.25	6.25	2.74	36.21
TOTALS...	27.62	14.42	26.54	33.91	35.46	35.51	31.32	36.11	33.68	31.85	29.89	336.31

1920 Inspected 1915-

1925 Goldstone Pumping Station 50' high, 400' SW.

1926 Trees 20 ft. high 20 ft. N.

Letter sent to Genl. re reference 1920-27 was generally fine 13" photos of old pump. Site quite good.

P.M.

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	50° 50' 30" N	0° 11' W	Have	1/2 mi	S	St. Peter's	1/2 mi	W.



RAINFALL at Brighton W.W. (Goldstone Bot.)County of SussexObserver A. B. Cathcart, Esq. C.E.River Basin Adur & C.Type of Gauge M. & G. (1939)Annual Average 27.8 in. based on 58 years obs. ~~un~~ weighted. Period of average 1881 - 1915 Ref. 3

660555/26

Diameter	8											
Height	10											
Altitude	142											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	2.21	2.57	2.19	2.37	82	4.00	5.55	4.16	5.90	2.62	32.39	
February	1.94	1.14	2.04	.05	4.46	2.13	5.20	.68	1.52	3.00	21.16	
March	.49	1.26	2.22	3.05	.35	1.48	3.40	.59	1.59	2.96	17.39	
April	2.34	2.05	1.09	2.18	3.56	2.12	3.12	.37	3.01	1.31	21.15	
May	2.13	2.84	2.56	.32	1.13	.99	2.47	3.21	1.08	1.90	18.63	
June	1.61	1.39	2.07	1.36	2.02	2.26	.95	.59	1.24	.39	13.88	
July	3.47	2.69	1.50	1.62	.37	3.77	1.64	1.68	3.54	2.70	22.98	
August	2.37	.65	1.25	2.56	4.03	.77	1.30	1.53	2.19	.12	16.77	
September	1.91	2.65	3.04	1.52	7.05	2.14	2.28	2.55	.88	2.25	26.57	
October	.39	6.56	1.83	2.21	4.42	1.31	2.60	3.78	5.70	3.83	32.93	
November	4.15	1.52	1.08	4.55	7.58	5.37	2.03	3.53	6.85	8.58	45.24	
December	1.71	.86	.69	8.15	4.48	2.50	4.32	3.02	1.92	3.00	30.65	
TOTALS	24.72	25.48	21.56	29.94	40.27	23.84	34.86	25.99	35.42	32.66	299.74	24

1931. Tree 20' high, 20' N.

† Inspected 13/10/38 by G.R.R. Bennell. Gauge and site satisfactory.

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.			Hoove	1 m.	S.	W. Blatchington	1/4 m.	S.W.

Station No. 482 J.F.

RAINFALL at Brighton W.W. (Goldstone Bot.) ✓

41

County of Sussex

Observer A.B. Barrett Esq. B.E.

River Basin Adur &amp; C.

F. Needham Green Esq. C.E. (1940)

Type of Gauge. Ketchikan

Annual Average 27.5 in. based on 55 years obs. un-weighted. Period of average 1881-1915. Ref. S.

As detailed in BR. 1942 - low

File No. 660555/26

Diameter	8"			3 1/4	0 2 1						
Height	1' 0"				1						
Altitude	142'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.51	3.08	6.09	2.43	1.85	2.61	2.02	5.48	1.83	1.28	30.18
February	3.55	.61	1.53	1.00	2.62	3.12	2.09	1.65	1.15	4.63	21.45
March	3.11	3.69	.40	.10	1.73	1.52	6.40	.92	1.31	1.52	20.70
April	1.51	1.00	1.22	1.49	.90	1.63	1.67	1.18	1.36	2.22	14.48
May	1.88	2.76	2.29	.37	2.27	2.90	1.22	2.41	1.65	.82	18.57
June	2.20	.15	1.79	1.52	2.00	2.81	3.62	2.02	.60	.67	17.38
July	3.31	2.02	2.37	2.38	4.19	1.63	1.54	1.95	.17	2.62	22.18
August	4.98	3.90	1.50	1.42	2.02	6.64	.43	4.42	1.63	2.70	29.66
September	.34	2.56	1.59	2.26	2.13	3.64	2.29	1.89	1.84	3.13	21.67
October	1.24	3.46	3.16	4.34	5.65	.72	.51	2.02	8.29	1.07	28.66
November	4.36	1.40	2.35	5.31	.29	4.80	1.79	2.15	3.72	6.68	32.85
December	1.87	2.92	2.29	1.69	5.85	3.35	2.45	3.11	1.71	1.77	25.01
TOTALS	31.86	27.55	26.58	27.61	27.00	35.37	26.03	29.20	25.26	29.11	282.57

1941. Two 20' high 20' N.

282.57

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			Hove	1 1/2	S	W. Bladlington	1/4	S.W.

BRITISH RAINFALL ORGANIZATION



RAINFALL at BRIGHTON (GOLDSTONE BOT.)

W.W.

Station No.

482

T.F. 3

51

County of SUSSEXObserver F. NEEDHAM GREEN, Esq., C.E.River Basin ADUR & CType of Gauge SNOWDON

SNOWDON

(405)

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

Not Worked. resp 1958. 1/2 new side.

File No. 660.222/26

Diameter ...	8"			314	021				8"		
Height ...	1' 0"								1' 0"		
Altitude ...	142'				51				175'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Totals Means
January ...	3.50	2.42	1.32	1.25	3.66	5.40	2.09	4.44	3.95	3.14	31.17
February ...	5.50	.90	1.09	2.82	1.74	.17	4.66	2.63	.64	3.13	22.68
March ...	3.52	2.68	.25	3.53	.77	.36	1.61	1.92	1.67	1.82	18.13
April ...	1.91	1.61	2.40	.41	.32	1.70	.26	.96	2.28	1.00	12.85
May ...	2.17	2.46	1.97	1.37	3.56	.52	.80	2.78	.52	1.60	17.75
June ...	1.83	1.11	1.68	2.76	1.58	1.94	1.08	3.76	1.99	1.81	19.54
July ...	2.44	.96	3.08	4.41	.19	2.39	4.73	2.75	2.12	4.00	27.07
August ...	4.62	2.56	2.13	3.08	1.43	3.61	2.68	5.74	1.04	5.51	32.40
September ...	2.67	3.71	4.89	2.68	2.89	3.22	3.97	4.11	.14	4.72	33.00
October ...	1.39	3.28	2.98	2.37	2.54	1.21	1.53	3.14	3.05	7.20	28.69
November ...	5.24	4.14	2.27	4.90	1.20	.75	3.08	2.64	3.72	8.34	36.28
December ...	2.45	3.70	.77	2.39	3.50	4.65	2.19	4.42	7.07	4.70	36.34
TOTALS ...	37.24	29.53	24.83	31.97	23.38	25.42	28.68	39.79	27.59	46.97	315.90
	D	D	D	D	D	D	D	D	D	D	

1952. Tree 20' high 20' N.

1952. JAN 1953. 300 ft. Sea level.

1954 Gauge moved about 150 yds S.E. Open. Scale recorder installed November. Pump House (N) 12 yds S.E.

\* H. AVERAGE 27.8" on 58 years obs. Deleted from B.R. in 1942 being too low. Ref. S. 1285065

Position of Station on Ordnance One-Inch map: No. of Map 182 National Grid Reference T.R. 294066

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1952.			YHOVE	1 mi. S	St. Bluthington	1/4 mi. SW.

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
	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓