

RAINFALL AT Brighton N. W. Lewes Road

Lat.....

Lon.....

County of..... Sussex

Rain Gauge, by.....

Observer..... N. Blaker Esq.

H. L. Hollands

Diameter	5											
Height	3.9											
Altitude	90				90 ^W							
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January	1.79	2.98	5.64	3.01	2.52	4.34	1.08	7.23	2.09			
February	1.07	1.76	2.62	1.83	1.57	2.00	3.39	2.21	2.15			
March	1.78	1.02	2.49	2.06	.71	.89	3.15	2.92	1.64			
April .....	.51	2.55	.85	.97	1.93	1.28	2.36	2.80	3.60			
May .....	.90	.19	3.14	1.03	.41	1.40	1.22	2.26	4.31			
June .....	.29	4.03	2.66	2.30	1.88	3.50	2.97	1.28	2.91			
July .....	.76	3.76	1.38	1.93	2.02	3.33	.55	2.56	1.24			
August	2.50	1.55	2.15	3.54	2.24	1.55	4.32	3.40	5.42			
September	3.02	3.46	2.33	3.22	3.95	2.10	5.26	1.23	1.44			
October	5.21	1.69	5.36	4.69	4.42	4.52	.88	3.87	4.38			
November	2.70	.77	6.46	3.39	2.63	5.75	3.50	7.14	3.87			
December	4.09	1.56	5.61	.78	2.91	1.15	8.05	2.96	2.19			
TOTALS	25.42	27.32	40.69	28.75	27.19	31.81	36.73	39.86	35.24	34.49		

879.95

RAINFALL AT *W. W. Lewis Rd. Brighton*

80

Lat.

Lon.

County of *E. Sussex* 3

Rain Gauge, by

Observer *W. W. Insell*

J. Barker Esq.

Diameter	<i>5</i>											
Height	<i>3.8</i>											
Altitude	<i>105 T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.68</i>	<i>2.18</i>	<i>1.52</i>	<i>2.62</i>	<i>3.89</i>	<i>2.26</i>	<i>6.17</i>	<i>3.15</i>	<i>(1.29)</i>	<i>(1.27)</i>		
February	<i>2.92</i>	<i>3.55</i>	<i>1.71</i>	<i>3.76</i>	<i>1.37</i>	<i>3.88</i>	<i>.59</i>	<i>.86</i>	<i>(1.92)</i>	<i>(2.78)</i>		
March	<i>.98</i>	<i>2.90</i>	<i>1.31</i>	<i>.98</i>	<i>1.90</i>	<i>2.68</i>	<i>2.20</i>	<i>1.04</i>	<i>(3.54)</i>	<i>(2.05)</i>		
April	<i>1.96</i>	<i>.75</i>	<i>3.53</i>	<i>1.55</i>	<i>1.47</i>	<i>.93</i>	<i>2.05</i>	<i>1.57</i>	<i>(1.25)</i>	<i>(2.28)</i>		
May	<i>.29</i>	<i>.90</i>	<i>1.40</i>	<i>2.34</i>	<i>.43</i>	<i>3.49</i>	<i>5.47</i>	<i>1.05</i>	<i>(1.30)</i>	<i>(1.53)</i>		
June	<i>1.06</i>	<i>3.42</i>	<i>2.58</i>	<i>.74</i>	<i>1.97</i>	<i>1.61</i>	<i>.61</i>	<i>.86</i>	<i>(3.33)</i>	<i>(.28)</i>		
July	<i>3.80</i>	<i>1.74</i>	<i>3.27</i>	<i>2.10</i>	<i>2.20</i>	<i>.79</i>	<i>3.16</i>	<i>.54</i>	<i>(4.60)</i>	<i>(3.92)</i>		
August	<i>1.07</i>	<i>4.83</i>	<i>2.41</i>	<i>1.13</i>	<i>1.89</i>	<i>.68</i>	<i>1.85</i>	<i>2.83</i>	<i>(2.40)</i>	<i>(2.65)</i>		
September	<i>4.80</i>	<i>3.03</i>	<i>3.07</i>	<i>3.88</i>	<i>4.17</i>	<i>4.90</i>	<i>.87</i>	<i>3.75</i>	<i>(.70)</i>	<i>(.98)</i>		
October	<i>7.17</i>	<i>1.91</i>	<i>9.53</i>	<i>2.83</i>	<i>1.36</i>	<i>4.62</i>	<i>4.69</i>	<i>1.29</i>	<i>(3.04)</i>	<i>(7.84)</i>		
November	<i>4.40</i>	<i>4.46</i>	<i>4.00</i>	<i>4.31</i>	<i>1.49</i>	<i>3.85</i>	<i>3.81</i>	<i>4.63</i>	<i>(5.21)</i>	<i>(1.25)</i>		
December	<i>4.41</i>	<i>3.43</i>	<i>3.03</i>	<i>1.32</i>	<i>3.94</i>	<i>1.73</i>	<i>5.33</i>	<i>2.03</i>	<i>(1.90)</i>	<i>(2.05)</i>		
TOTALS	<i>33.61</i>	<i>33.10</i>	<i>37.42</i>	<i>27.56</i>	<i>26.08</i>	<i>31.42</i>	<i>36.80</i>	<i>23.60</i>	<i>30.48</i>	<i>28.88</i>		

1888-89 months obtained

from Oldbreyne (20.9.22)

RAINFALL AT Brighton Water Works Lewes Road

Lat. _____

Lon. _____

County of Sussex East

Rain Gauge, by _____

Observer J. Baker Esq
J. Johnston Esq CB

Diameter			5				8				
Height			3.8	3.6							
Altitude			105	88							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	(3.50)(2.31)	.84	2.00	4.16	2.30	1.16	2.29	.87	3.16	2.25	2.29
February	(1.59)	.00	1.33	4.05	2.30	.11	.18	2.98	1.20	2.99	1.46
March	(1.87)(2.77)	.98	.40	1.63	1.87	3.03	4.40	.98	.60	1.85	1.85
April	(2.99)(.57)	2.67	.05	2.51	2.55	.53	2.39	.90	2.32	1.74	1.74
May	(2.05)(2.42)	1.33	.55	1.43	.16	.30	1.56	3.27	1.16	1.42	1.42
June	(2.44)(1.77)	1.91	.69	1.88	.42	2.55	3.23	1.27	1.15	1.72	1.72
July	(2.95)(2.62)	1.77	5.33	5.75	2.90	2.12	.30	.44	.81	2.49	2.49
August	(3.15)(5.13)	2.83	1.09	2.65	2.26	1.21	3.40	1.25	.70	2.36	2.36
September....	(.98)(.85)	2.95	4.66	2.39	1.01	6.27	2.76	1.03	2.77	2.86	2.86
October	(1.85)(1.71)	6.61	4.59	4.05	4.54	5.13	.30	3.87	1.88	4.05	4.05
November....	(3.92)(3.35)	3.21	1.80	3.95	5.07	1.65	1.68	3.53	4.41	3.25	3.25
December	(.56)(2.70)	3.13	2.51	2.35	3.60	4.47	3.45	2.67	2.07	2.78	2.78
TOTALS	27.49 27.85	32.20	29.56	27.65	35.05	26.79	28.60	28.74	21.28	24.02	27.74 ✓

1890 Observer sent both values and no information
could be obtained as to which is correct (27.85 as typed
20.9.22)
1890-1891 was 2. for old gauge

RAINFALL AT Brighton W. Lewis Road

Lat. Lon. County of East Sussex 3

Flashin Rain Gauge, by N 53 Observer J. Johnston Esq. C.E.

Diameter ..	8										
Height	3 6										
Altitude ..	88 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.53	.79	1.03	3.13	4.11	.73	4.96	.95	1.69	1.35	2.227
February ..	5.16	1.66	1.66	1.39	3.23	.69	2.76	1.56	1.22	.33	1.966
March ....	.86	1.21	1.70	2.08	1.07	4.71	1.53	1.03	2.17	3.85	2.021
April	1.24	1.92	.96	2.29	1.37	1.91	1.22	3.86	2.11	1.22	1.810
May .....	.56	.69	2.08	2.19	4.04	.76	2.33	1.87	1.44	1.21	1.711
June	2.55	.98	2.44	2.43	.87	3.48	2.52	1.98	1.18	2.40	2.113
July	1.07	2.24	1.31	4.38	.47	.52	.34	1.21	3.17	2.78	1.749
August	2.40	1.62	4.14	3.97	1.86	2.36	1.16	1.20	2.90	3.06	2.467
September..	.81	1.32	.57	2.42	1.99	2.95	1.28	.62	1.85	3.22	1.703
October....	2.59	4.19	2.22	6.99	2.57	1.85	4.38	5.23	1.49	8.10	3.961
November..	3.78	.41	2.94	2.01	1.45	6.02	6.12	1.95	1.25	1.29	2.722
December ..	3.85	4.37	2.11	2.01	3.65	.91	2.16	2.90	3.78	4.78	3.052
TOTALS ..	28.34	21.40	23.16	35.29	26.68	26.89	31.06	24.36	24.25	33.59	27.502

1909 St. Peter's Church 4.300 ft 55.5
 Lewis Road Station 2700 W

RAINFALL at Brighton W.D. Lewes RoadCounty of Sussex Observer J Johnston Esq C.E.River Basin Adur + C 3McAoff Rain Gauge, by N43

Diameter ...	8												
Height	3.6								4.9				
Altitude ...	88 8								139				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	SOMS	
January ...	2.86	1.58	3.23	5.75	.84	4.19	1.66	1.36	3.83	5.24	30.57	12.81	
February ...	4.13	1.57	2.79	1.23	4.01	4.73	5.20	1.58	1.14	2.93	29.31	10.85	
March	1.71	2.36	4.30	2.80	6.34	.85	3.82	1.82	1.42	4.80	29.22	11.86	
April	2.08	1.72	.01	3.35	1.47	1.64	1.25	1.91	2.27	2.72	18.42	8.15	
May	2.39	.78	1.39	1.94	.91	3.92	2.02	1.23	1.37	.47	16.42	5.09	
June	2.69	2.43	3.05	.66	.98	.70	2.74	3.31	1.18	.71	18.45	7.94	
July	2.51	.59	.99	4.17	2.19	4.34	.79	3.14	4.10	1.49	24.30	9.52	
August	2.75	.46	6.81	2.49	1.12	1.57	1.56	5.44	2.07	4.01	28.28	13.88	
September ..	.17	2.12	3.15	2.09	1.49	2.61	2.00	1.44	6.37	1.83	23.27	11.64	
October ...	3.46	6.50	4.04	4.79	2.60	4.01	5.54	4.14	2.05	.73	37.86	12.41	
November ..	5.87	6.94	2.40	4.70	4.01	3.65	4.95	1.41	2.27	2.96	39.46	11.89	
December ...	3.40	6.74	4.60	1.90	8.86	9.47	4.94	1.78	2.52	6.14	50.55	15.68	
TOTALS ...	34.02	33.79	36.75	35.80	38.82	41.68	36.47	28.86	30.89	34.03	346.11		
	2	2	2	2	2	2	2	2	2	2			

1914 W.D. Buildings

50 yards W
1917 int. 9/11/37

+ 26. III. 15. c. On pedestal at 2' 10" in sheltered enclosure. Buildings S.E.
Small hill N.E. a good exposure - probably not affected by height of g.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	50.50	50.7.30	Lewes R ^d	200 yds	S	St Martin's	1/2	S

RAINFALL at Brighton W.W. (Lewes Road)

County of DurhamObserver A.B. Cathcart, C.E.River Basin Adur & C 3

M.O. Rain Gauge, by _____

Diameter ...									5		
Height									1.0		
Altitude ...									140		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...									1.51		
February ...									1.79		
March									99		
April									64		
May									1.48	2.26	
June									3.40	3.02	
July									2.44	1.39	
August									2.04	2.75	
September...									.71	.90	
October									8.25	4.29	
November...									4.24	9.61	
December...									4.10	6.92	
TOTALS...									—	35.27	#.

M.O. loan gauge.

1928. Tops of Houses in road 6' High 92' S.

Gauge returned

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Lewes Road	2 miles	SE	Lewes Road	2 miles	S.

RAINFALL at Brighton W. W. Lewes RoadCounty of SussexObserver J. Johnston Esq. C.E.River Basin Adur & Co. 3A. B. Blackmore C.E.M. O. Rain Gauge, by N. J.

Diameter ...	8							8				
Height	4.9					4.0	3.0	3.10		1.0		
Altitude ...	140					136	127	140				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30
January ...	4.38	3.23	4.33	1.78	2.65	4.25	4.04	2.34	5.93	1.51	3.56	38.00
February ...	.74	.63	2.81	4.83	.61	3.82	3.60	3.70	1.70	1.79	1.32	25.55
March	2.59	1.59	1.52	2.85	1.79	.48	.51	4.11	2.77	.09	1.75	20.05
April	3.37	1.05	3.33	3.77	2.97	3.66	3.75	2.22	3.14	.64	2.10	30.00
May	1.21	1.69	1.03	3.11	4.01	4.36	3.39	.94	1.41	2.26	2.33	25.74
June	2.17	.02	1.56	.62	2.78	.08	4.04	4.59	3.37	3.02	.77	23.02
July	4.69	.57	3.10	4.65	3.81	5.21	2.25	1.78	2.42	1.59	2.73	32.8
August	1.39	2.20	3.37	2.97	3.46	2.66	3.85	5.47	2.02	2.75	4.70	34.84
September...	2.58	.71	1.97	3.06	3.30	3.33	.71	6.26	.73	.90	3.49	27.04
October	2.38	1.22	1.07	7.57	5.46	5.03	2.94	2.66	8.20	4.29	3.32	44.14
November...	2.50	2.24	1.63	2.05	3.83	3.82	7.12	3.81	4.21	9.51	6.81	47.53
December...	3.57	2.46	3.56	3.84	4.93	5.13	.55	4.59	4.02	6.92	3.50	43.07
TOTALS...	31.57	17.61	29.28	41.10	39.60	41.83	36.75	42.47	39.92	35.27	36.38	39.78

1920 Inspected 1915.

1925 Old Pumping Station 50' high, 400' E.

1926 Tops of houses 6 ft high 92 ft S.

MO from gauge gave results to 1% of this gauge at 3' 10" + 66.55576

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° 50' 15"	0° 7' 30"	Lewes Road	200 yds	S	St. Martins	1/2 mi	S

RAINFALL at Brighton W.V. (Lewes Road)

County of Sussex

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

River Basin Adur & C.

Type of Gauge M. O. Glashier (1939)

Annual Average 29.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref B. of N.

660555/26

Diameter	8	8			8						
Height	1	0.3	10		1	0					
Altitude	140				135					129'	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.87	2.71	2.59	3.50	.94	4.37	6.11	4.23	5.55	3.07	36.94
February	2.30	.08	2.41	.09	4.81	2.30	5.55	.83	1.81	3.05	23.23
March	.63	1.46	2.60	3.61	.52	1.67	3.51	.69	1.60	3.45	19.74
April	2.84	2.27	1.28	2.66	4.00	2.49	3.29	.32	3.16	1.37	23.68
May	2.53	3.01	2.46	.43	1.01	.56	2.94	3.60	1.57	1.63	19.74
June	1.69	1.33	2.29	1.37	2.47	2.50	1.37	.83	1.43	.17	15.45
July	3.59	3.40	1.88	2.11	.47	4.12	1.69	1.57	4.29	2.77	25.89
August	2.77	.76	1.50	2.65	4.73	.83	1.41	1.33	2.60	.11	18.69
September	2.73	2.97	3.62	1.57	7.55	2.08	2.48	2.64	.78	2.41	28.83
October	.55	7.98	1.83	2.61	5.35	1.60	2.46	4.05	6.82	3.86	37.11
November	5.17	1.63	1.37	5.63	8.00	5.95	1.92	3.89	8.06	8.60	50.22
December	1.95	.91	.96	9.94	4.62	2.95	4.63	3.66	2.29	3.17	35.08
TOTALS	29.62	28.51	24.79	36.17	44.47	31.42	37.36	27.64	40.96	33.66	336.60

1931. Tops of houses in road 6' high, 92' S.
+ Inspected 12/10/38 by G.R.R. Bennett. Gauge over exposed.
1937. corrected by F.1090, 11/5/56. ~~1937~~ (Year total is corrected as printed)

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.			Lewes Road	1/4 m.	S.W.	Lewes Road	1/2 m.	S.	

Station No. 483.T.F.

RAINFALL at Brighton W.W. (Lewes Road) ✓

41

County of Sussex

Observer A.B. Bathurst Esq. h.2

River Basin Adur & C. 3

F. Needham Green Esq. C.E. (1946)

Type of Gauge ~~Hygrometer~~ M.D. 1944

Annual Average 29.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. of N.

File No. 660555/26

Diameter	8"			3 1/3	4 9/16	5			5"		
Height	1' 0"				1	3' 8"			3' 8"		
Altitude	129'				41	139			139		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.95	3.00	6.92	2.07	1.74	2.49	2.68	5.70	1.85	1.47	31.87
February	4.10	.67	1.26	.97	2.19	3.60	2.12	1.82	1.24	4.87	22.84
March	2.94	4.12	.55	-.09	1.72	1.48	7.14	.93	1.63	1.57	22.17
April	1.57	1.01	1.56	1.76	1.02	2.18	2.00	1.29	1.48	2.33	16.20
May	2.16	2.71	2.30	.44	2.38	2.60	1.42	2.54	1.75	.94	19.24
June	2.26	.15	1.67	1.41	2.17	2.94	3.47	2.00	.88	.63	17.58
July	2.70	2.37	2.54	2.17	4.63	1.95	2.49	2.15	.22	2.56	23.78
August	5.31	3.90	1.54	2.09	1.66	7.88	.44	4.77	1.31	3.13	32.03
September	.44	2.87	1.90	2.43	1.89	3.56	2.56	1.87	2.17	32.6	22.95
October	1.18	3.85	3.59	4.55	3.72	1.04	.77	2.63	8.41	1.19	30.93
November	5.05	1.85	2.43	5.71	.34	5.24	1.99	2.98	4.94	6.49	37.02
December	2.01	2.95	2.26	2.02	4.18	3.70	2.44	2.76	1.70	1.93	25.95
TOTALS	33.67	29.45	28.52	25.71	27.64	38.66	29.52	31.44	27.58	30.37	302.56

1941. Total of houses in the road 6' 2 1/2" S.

272.19

302.56

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			Lewes Rd.	1/4 m	SW	St Martin's	1/2 mile	S.

BRITISH RAINFALL ORGANIZATION

Station No. 483 T.F.3.

RAINFALL at BRIGHTON W.W. (LEWES ROAD)

51

County of SUSSEX

Observer F. NEEDHAM GREEN Esq. C.E.

River Basin ADUR and C. - 3

Type of Gauge M.O.

Annual Average 29.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. & N.

not worked hupp 1958 1/2 hupp wall sec.

File No. 660555/26

Diameter ...	8"				313	494						
Height ...	3'8"				1		1'0"					
Altitude ...	139'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Total Means	
January ...	3.60	2.42	1.48	1.42	4.08	5.43	1.94	4.79	3.60	2.97	31.73	
February ...	6.40	1.01	1.16	3.23	1.89	.15	4.80	2.80	.03	2.89	24.36	
March ...	3.57	3.42	.29	3.80	.93	.29	1.59	1.96	1.73	2.31	19.89	
April ...	2.35	1.61	2.26	.54	.44	1.42	.16	1.00	2.25	1.11	13.14	
May ...	2.43	2.21	1.95	1.29	3.54	.34	1.11	2.66	.59	1.53	17.65	
June ...	1.80	.97	1.15	3.02	1.69	1.68	1.52	3.79	2.11	1.80	19.53	
July ...	2.71	1.07	3.38	4.59	.35	2.54	4.15	2.73	1.94	3.62	27.08	
August ...	4.84	2.42	1.97	3.15	1.53	2.72	2.54	5.28	1.07	7.82	33.34	
September ...	3.24	3.92	4.20	2.87	2.77	2.87	4.15	4.24	.16	4.17	32.59	
October ...	1.42	3.38	3.45	2.90	2.69	1.45	1.42	3.55	3.05	8.05	31.36	
November ...	5.07	4.91	1.91	5.37	.95	.68	2.95	2.70	4.13	8.18	36.85	
December ...	2.87	3.91	.84	2.61	3.53	5.06	2.06	4.76	7.46	4.37	37.47	
TOTALS ...	40.30	31.25	24.04	34.79	24.39	24.63	28.39	40.26	28.12	48.82	324.99	
	D	D	D	D	D	D n.p.	D	D	D	D		

Oct. 1956. It was found that bottle had been removed from gauge. Replaced by new

1956 n.p. low

1957 Dec. 31st. g. lowered to 1' above ground.

INSP. JAN. 1958 J.B.O.K. See over

1958 House roofs 6' high, 92' S.

Position of Station on Ordnance One-Inch map:

No. of Map 182

National Grid Reference TQ 319060

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge
1952			Lewes Rd	.25 ml. S.W.	St. Martin's	.5 ml. S.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ 1917 est'd	✓	✓	✓	
	✓	✓	✓	✓	