

# RAINFALL AT Brighton The Steine 70

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of *Sussex*,  
 Rain Gauge, by \_\_\_\_\_ Observer *D. R. P. B. T. Adiffe.*

Diameter . . .												
Height . . .												
Altitude . . .												
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January . . .						3.69	.95	7.48	1.76	3.15		
February . .						2.12	3.44	2.40	1.85	4.45		
March . . . .						.77	3.04	2.74	1.72	.96		
April . . . . .						1.37	2.15	2.40	3.44	3.90		
May . . . . .						1.14	1.01	2.12	4.14	3.03		
June . . . . .						2.94	2.61	1.13	2.71	4.52		
July . . . . .						3.03	1.13	1.40	1.05	3.59		
August . . . .						1.50	4.23	2.79	5.37	7.03		
September . .						1.98	4.19	1.24	1.38	2.19		
October . . . .						4.30	.75	4.13	4.10	.83		
November . . .						5.19	3.49	7.32	3.83	1.40		
December . . .						1.39	7.65	2.84	2.30	.87		
TOTALS . . .						29.42	34.64	37.99	33.65	25.92		

# RAINFALL AT *The Steyne, Brighton* 80

Lat. ....

Lon. ....

 County of *E. Sussex*

3

Rain Gauge, by

 Observer *H. R. P. B. T. T. T.*
*St. Newsholme*

Diameter ....	<i>5</i>										
Height .....	<i>1.0</i>								<i>0.8</i>		
Altitude ....	<i>39T</i>		<i>33T</i>					<i>20</i>	<i>32</i>		
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>.64</i>	<i>2.63</i>	<i>1.42</i>	<i>2.99</i>	<i>3.16</i>	<i>2.26</i>	<i>6.24</i>	<i>2.80</i>	<i>1.19</i>	<i>1.21</i>	
February ....	<i>2.86</i>	<i>3.25</i>	<i>1.90</i>	<i>4.28</i>	<i>1.26</i>	<i>3.37</i>	<i>.58</i>	<i>.84</i>	<i>1.77</i>	<i>2.64</i>	
March .....	<i>.90</i>	<i>2.04</i>	<i>1.20</i>	<i>1.49</i>	<i>2.36</i>	<i>2.59</i>	<i>2.15</i>	<i>1.01</i>	<i>3.26</i>	<i>1.95</i>	
April .....	<i>1.94</i>	<i>.65</i>	<i>3.51</i>	<i>2.19</i>	<i>1.38</i>	<i>.61</i>	<i>2.00</i>	<i>1.40</i>	<i>1.16</i>	<i>2.17</i>	
May .....	<i>.16</i>	<i>.86</i>	<i>1.21</i>	<i>2.44</i>	<i>.32</i>	<i>2.73</i>	<i>5.20</i>	<i>.89</i>	<i>1.20</i>	<i>1.45</i>	
June .....	<i>1.50</i>	<i>3.12</i>	<i>2.60</i>	<i>.93</i>	<i>1.96</i>	<i>1.58</i>	<i>.69</i>	<i>.90</i>	<i>3.07</i>	<i>.27</i>	
July .....	<i>2.96</i>	<i>3.64</i>	<i>2.65</i>	<i>2.26</i>	<i>3.08</i>	<i>.70</i>	<i>3.16</i>	<i>.59</i>	<i>4.26</i>	<i>3.73</i>	
August .....	<i>.91</i>	<i>3.73</i>	<i>2.44</i>	<i>1.09</i>	<i>1.67</i>	<i>.70</i>	<i>1.77</i>	<i>2.47</i>	<i>2.22</i>	<i>2.52</i>	
September ....	<i>4.84</i>	<i>2.61</i>	<i>2.50</i>	<i>4.34</i>	<i>4.11</i>	<i>4.72</i>	<i>.79</i>	<i>3.10</i>	<i>.65</i>	<i>.93</i>	
October ....	<i>7.33</i>	<i>2.13</i>	<i>9.20</i>	<i>3.05</i>	<i>1.44</i>	<i>4.32</i>	<i>4.32</i>	<i>1.23</i>	<i>2.81</i>	<i>7.45</i>	
November ....	<i>4.41</i>	<i>3.75</i>	<i>3.62</i>	<i>4.35</i>	<i>1.50</i>	<i>3.51</i>	<i>3.61</i>	<i>4.77</i>	<i>4.81</i>	<i>1.18</i>	
December ....	<i>4.41</i>	<i>3.44</i>	<i>2.09</i>	<i>1.44</i>	<i>4.15</i>	<i>1.81</i>	<i>4.48</i>	<i>2.10</i>	<i>1.76</i>	<i>1.95</i>	
TOTALS ....	<i>32.86</i>	<i>31.65</i>	<i>35.03</i>	<i>30.85</i>	<i>26.36</i>	<i>28.90</i>	<i>34.99</i>	<i>22.10</i>	<i>28.16</i>	<i>27.45</i>	

1883 Gauge out of position part of the year and St. James Street figures adopted July-Dec.

RAINFALL AT *Brighton Old Steine*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *E Sussex* 3

Rain Gauge, by \_\_\_\_\_

Observer *D. Newsholme*

Diameter ....	5										
Height .....	0 8			1 0							
Altitude ....	32 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.96	2.44	1.25	1.86	4.23	2.55	1.12	2.97	.81	2.67	2.286
February ....	1.35	.00	1.36	3.39	2.12	.15	.26	3.10	1.20	2.80	1.573
March .....	1.58	2.92	1.24	.27	1.46	1.89	2.92	4.39	.91	.61	1.819
April .....	2.53	.60	1.86	.05	2.40	2.27	.55	2.17	.92	2.44	1.579
May .....	1.78	2.56	1.10	.53	1.22	.19	.32	1.89	3.22	1.09	1.390
June .....	2.06	1.88	1.97	.57	1.83	.46	2.34	3.33	1.31	1.04	1.679
July .....	2.50	2.77	1.64	4.15	5.15	2.39	1.26	.47	.36	.61	2.130
August .....	2.67	5.42	2.60	.91	1.88	1.89	1.21	3.10	1.11	.63	2.112
September....	.83	.90	2.76	3.95	2.23	1.07	6.43	2.42	1.02	3.25	2.486
October .....	1.57	8.16	5.16	4.15	3.63	4.68	5.03	.38	3.54	1.77	3.807
November....	3.32	3.53	2.62	1.82	3.64	4.36	1.57	1.53	3.41	4.25	3.005
December ....	.47	2.84	2.62	2.48	2.15	3.29	4.83	3.37	2.60	2.31	2.696
TOTALS ....	23.62	34.02	26.18	24.13	31.94	25.19	27.84	29.12	20.41	23.47	26.592

1892 Jan 7 1st new gauge



# RAINFALL AT Brighton Old Steine

Lat.

Lon.

County of

East Sussex

Rain Gauge, by

Observer

A. Newsholme Esq. M.D.

D. Forbury M.D.

Diameter ..	5											
Height ....	10											
Altitude ..	327											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.53	.89	1.04	2.90	3.91	.88	4.54	.82	1.39	1.24	2.114	
February ..	5.33	1.77	1.54	1.32	3.28	.67	2.32	1.26	1.11	.28	1.888	
March ....	.90	1.37	1.63	1.95	.98	4.31	1.42	.95	1.84	3.30	1.865	
April .....	1.09	1.78	.90	2.18	1.24	1.91	1.05	3.21	1.82	.98	1.616	
May .....	.50	.69	2.00	1.98	3.91	.64	2.02	1.63	1.49	1.03	1.589	
June .....	2.41	1.02	2.50	2.34	.85	3.75	2.75	1.98	1.42	2.08	2.110	
July .....	1.31	3.42	1.32	4.91	.52	.44	.30	.88	2.38	2.71	1.819	
August ....	2.31	1.74	3.83	3.30	1.71	2.00	1.06	.94	2.65	2.85	2.239	
September ..	.65	1.14	.63	2.16	1.64	2.55	1.17	.47	1.57	2.73	1.471	
October ....	2.64	4.46	1.97	6.23	2.47	2.01	3.87	4.20	1.29	8.12	3.726	
November ..	3.62	.35	2.76	1.79	1.40	5.46	5.44	1.85	1.15	1.40	2.522	
December ..	3.54	3.98	1.62	1.97	2.47	.68	2.01	2.33	3.34	4.26	2.620	
TOTALS ..	27.83	22.61	21.74	33.03	24.38	25.30	27.95	20.52	21.45	30.98	25.579	

1909 Sep 24<sup>th</sup> gauge moved 2872 feet W.H.W.

? "not exposed in a proper manner, as there are trees within a few feet on NE." G. Hamlin (Rocdale) 18. xi. 08

Confirmed H.B. IX. 10.



RAINFALL at Brighton Old SteyneCounty of SussexObserver J. H. Brayborn Esq.River Basin Adur & C 3E. H. Barton Esq. (1922)Copper Snowdenian Gauge, by 129 ft.M.O.H. (Brighton)Brighton Corporation

Diameter ...	5"					8	5					
Height .....	1	0				1	0					
Altitude ...	32					32						
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January ...	4.14	2.66	3.69	1.74		5.39	3.47	1.95	5.10	1.50	2.86	
February ...	.60	.54	2.64	4.47		4.57	3.28	3.26	1.76	1.73	1.30	
March .....	1.98	1.33	1.59	2.40		.53	.59	3.26	2.85	.08	1.67	
April .....	2.43	.84	3.12	3.67		4.07	3.45	1.72	3.77	.70	1.73	
May .....	1.11	1.55	.73	3.37		3.54	3.02	.99	1.55	1.70	2.20	
June .....	1.79	.02	1.35	.46		.08	3.15	3.78	2.83	2.28	.69	
July .....	4.58	.36	3.47	3.35		4.21	1.81	1.41	1.95	1.70	2.30	
August .....	1.36	1.62	2.66	3.35		2.62	3.31	4.03	1.87	2.36	3.83	
September...	2.24	.56	1.53	2.91		3.17	.41	6.31	0.93	.72	2.36	
October .....	1.75	1.06	.81	6.88		3.93	2.42	2.02	7.46	3.41	2.62	
November...	2.07	2.07	1.54	2.35		3.66	6.76	3.39	4.25	8.12	5.50	
December...	3.14	2.35	3.00	3.44		5.53	.46	4.44	3.78	6.95	2.49	
TOTALS...	27.16	14.96	26.13	38.39	35.00 imp	41.30	32.13	36.56	38.10	30.25	29.55	

1920 Small trees &amp; shrubs 15 ft. high 20 ft. E

1921 20 ft. - 25 ft. N.E.

1922 Small trees have been removed.

1924 Not printed, badly kept.

1925 House 50 ft. high 27 yds. E.

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

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	50° 41' 8"	8° 10' 20"	Brighton	3/4 mi	N	St. Peter's	3/4 mi	NW



RAINFALL at Brighton (Old Steyne) M.W.R.County of SussexObserver The Medical Officer of HealthRiver Basin Adur & C 3

Type of Gauge .....

Annual Average 28.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref B of N.

Diameter	5					5"						
Height	1 0					1.0						
Altitude	32					32'						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.14	2.02	2.22	2.21	80	4.04	5.59	4.00	5.77	2.69		
February	1.64	.07	1.91	.06	4.44	2.12	4.75	.83	1.33	2.90		
March	.41	1.22	2.12	3.21	.59	1.38	3.63	.57	1.42	2.78		
April	2.55	1.73	1.07	2.58	3.45	2.38	2.59	.34	3.01	1.22		
May	2.19	2.70	1.88	.44	.87	.43	2.44	2.48	1.43	1.51		
June	1.34	1.30	2.17	1.19	2.09	2.00	.99	.40	1.21	.22		
July	3.01	2.70	1.15	1.33	4.6	3.42	1.59	1.40	3.33	2.54		
August	2.41	.55	1.17	2.50	4.20	.55	1.16	1.13	1.94			
September	2.02	2.35	3.91	1.23	7.26	1.91	1.40	2.33	.74			
October	.37	6.34	1.43	2.27	4.18	1.10	2.40	3.19	6.16			
November	4.29	1.36	.99	5.07	7.02	4.52	1.52	3.61	6.65			
December	1.51	.60	.76	8.04	4.03	2.42	4.31	2.93	1.53			
TOTALS	23.88	22.94	20.78	30.13	39.39	26.27	32.87	23.21	34.54	imp n.p.		

Inspected 25/11/31 trees 20' high only 15-20' away. Trees have since been  
destructively topped.

Inspected 31/4/33 Gauge surrounded by open iron work fence 3ft. high only 3ft.  
away at nearest point.

1936. Inspection of 2/6/36. Gauge had been moved 9' West.

4 x 1 T. for distance, in Aug. '40

(H. Cornish considers record to have fallen off during 1930-33)

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

Station No. 476 (N.W.B. 198)

## RAINFALL at Brighton (Old Steyne)

41

County of ~~Sussex~~

Observer The Medical Officer of Health.

River Basin ~~Adur & C.~~

F. NEEDHAM GREEN, Esq. C.E.

Type of Gauge New H.D. gauge 3936 (1947)

Annual Average 2.2 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. B. of N.

File No. F. 12.24.166

Diameter	5"			313	625						
Height	1'0"				3						
Altitude	32'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January								4.88	1.12	.97	
February								1.25	.93	4.19	
March								.44	1.28	1.27	
April								1.36	1.25	1.98	
May								1.99	1.60	.94	
June								1.51	.52	.50	
July								1.47	.18	1.98	
August							##	.37	3.48	.89	2.88
September								2.29	1.44	1.82	2.64
October								.64	1.83	.767	.92
November								1.50	2.37	3.68	6.11
December								1.87	2.19	1.51	1.86
TOTALS								imp m.p.	24.21 D	22.45 D	26.24 D

1940-Terminated for duration of war  
 Inspected by Mr Stormouth 22.9.48. Site set up as prewar. Rather sheltered in  
 Old Steyne but nearby trees are usually lopped  
 to give best possible exposure. Tree 12'-14' E of gauge has  
 now been lopped.

Imp. 14.10.49. Mr. B.F. Bowering. Site and gauge satisfactory.  
 Inspected D.F. Bowering 31/10/50. Station.

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.

BRITISH RAINFALL ORGANIZATION



Station No. 476 M.W.R. <sup>ma 198</sup>

## RAINFALL at BRIGHTON (BAD STEYNE)

51

County of SUSSEX

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

River Basin ADUR &amp; c 3

Type of Gauge M.O.

Annual Average 28.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref B of N.

27.07 " " 12 " " 1917-1939, 1948-1950, 1951-1956

1916-1950

File No. F.4776/46 P

Diameter ...	5"			313	630			313	630		
Height ...	1' 0"				2				1		
Altitude ...	32'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.24	2.48	1.07	1.54	3.39	5.14	1.71	4.07	2.84	2.67	28.35
February ...	5.59	.99	1.05	2.54	1.74	.13	4.31	2.58	.02	2.73	21.74
March ...	3.59	2.68	.26	3.31	.85	.24	1.24	1.69	1.39	1.78	17.03
April ...	1.87	1.46	2.12	.42	.29	1.51	.12	.76	1.82	1.00	11.37
May ...	2.19	2.42	1.35	1.32	3.37	.32	1.11	2.32	.45	1.64	16.49
June ...	1.72	.86	1.55	2.42	1.52	1.42	1.37	3.44	1.35	1.49	17.14
July ...	2.09	1.07	2.65	4.01	.25	2.33	4.74	2.13	1.67	3.12	24.06
August ...	3.78	2.51	1.79	2.75	1.80	3.35	2.23	5.08	.75	6.35	30.42
September ...	2.97	3.72	3.80	2.72	2.85	2.67	3.91	3.82	.12	4.67	31.25
October ...	1.38	3.25	3.34	2.26	2.59	1.24	1.34	3.41	2.96	6.77	28.54
November ...	4.51	4.70	2.07	4.70	.70	.55	2.64	2.28	3.35	7.26	32.76
December ...	2.30	3.77	.81	2.47	3.55	4.76	1.86	4.15	6.68	3.73	34.08
TOTALS ...	35.23	29.91	22.06	30.46	22.90	23.66	26.64	35.73	23.43	43.21	293.23
	D	D	D	D	D	D	D	D	D	D	

Inch. 2.6.60 Mr. T. W. Vince - Site oversheltered. From paling fence (3' 6") & from gauge at nearest point.  
 Trees (40') 360° 48' away. Trees (38') 63' 092°. Trees (71') 72' 160°. Trees (63') 127' 280°.  
 Screen (5') 10' 360°. Gauge satisfactory condition.

+ Corrected NGR: (TA 313054 used 1938-1975 incorrectly. Retrospective adjustment). NW. 6.10.75.  
 Hyd. Sta. No. 313635 abandoned; all previous data transferred to 313630.

An Air Revisited on Subsidiary Survey. 27.19. confirms earlier estimate.

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference <sup>+</sup> T6501254

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

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
	✓	✓ NR 24	✓ NP imp 40	NR 44-46 NP imp 47	
	✓	✓	✓	✓	