

## RAINFALL at Littlehampton Met Station

County of Sussex

Observer R. T. Booker Esq

River Basin Arun 2

W. A. Shelley Esq

1919 P. Perry.

gal. Snowdon Rain Gauge, by NFB  
 Diam. { 5.00  
5.02  
5.02  
(IV. 14) { 4.98  
gauge { 0.1  
- 2.01  
- 3.00  
- 4.00  
- 5.00

Diameter ...					5					Hyd. Sta. No. 319814
Height .....					1. 0					NGR. TQ 029014
Altitude ...					10 ?					alt 8m
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...						5.15	.94	1.11	3.03	4.19
February ...						2.37	3.71	1.59	.92	2.12
March .....						.78	3.50	1.88	.98	4.56
April .....						1.54	.68	1.53	2.30	1.66
May .....						3.45	1.56	1.72	1.42	.19
June.....						.36	1.83	2.35	.64	.52
July .....						2.80	.51	1.87	3.09	1.20
August.....						1.77	1.66	4.83	2.39	3.06
September ..						2.42	1.88	1.59	5.85	.93
October ...						2.50	4.32	3.24	.99	.52
November ..						2.42	3.70	1.25	1.78	2.61
December...						6.16	4.03	1.04	2.03	5.33
TOTALS ...						31.72	28.32	24.00	25.72	26.89
										104.93 104.93

mm.

Obs. 6 fm to Aug

Jan Sept 1916

1916 C stage 20 physl 100 yds WNW

Thermometer 6° - 8° N.

This g. was previous to 1915 at Coastguard station - very over exposed.

+ Inspected } Old cast iron gal. Snowdon @ about 8" in square enclosure. Low  
+ CS. 20 V. 16 } level common a few hundred yds from sea rather too open to S. Read gage  
and 6 fm in rain. Obs. every recorded & record never up.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	50.48	0.32	Littlehampton	1 m	NW	S. Catherine	1/4 m	N

## RAINFALL at Littlehampton Met. Station

County of Sussex)

Observer G. T. Gardner Esq.

River Basin Area 2

1925 Thomas Benson Esq.,

Met. Society

Rain Gauge, by  
W. G. N. No. 387

Sanitary Inspector G.D.C.

Diameter ...	5												316058
Height .....	1	0											TG(5) 033019
Altitude ...	16	27											alt. 5m
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929			MEANS.
January ...	4.17	2.52	3.35	1.42	2.48	4.41	3.60	2.07	14.14	1.41	3.44		33.01
February ...	63	.52	2.65	4.13	.26	4.02	2.49	3.61	1.67	1.82	1.61		22.91
March .....	1.98	.85	1.37	2.15	1.42	.31	1.42	2.85	20.7	.11	1.89		15.42
April.....	2.52	.72	3.30	3.33	2.30	2.87	2.84	1.67	2.13	.68	2.17		24.53
May .....	1.65	1.08	.54	2.33	3.14	3.13	2.39	.64	1.11	2.10	1.73		19.84
June .....	1.76	.00	1.53	.89	2.81	.01	2.85	3.41	2.16	2.73	.74		12.89
July .....	4.88	.32	2.35	1.30	2.43	3.06	2.92	2.64	2.19	1.64	1.69		25.42
August .....	1.05	1.70	2.42	1.84	2.94	2.77	1.50	3.49	1.95	2.38	3.99		26.03
September...	3.76	.40	1.64	1.97	2.96	2.36	3.2	5.10	0.68	.66	2.69		22.54
October.....	1.98	.96	.72	5.85	4.29	2.92	2.37	1.66	6.37	.11	3.37		34.60
November...	1.23	1.99	1.37	2.03	1.92	3.18	6.77	2.71	3.25	6.78	5.33		36.56
December...	2.69	1.65	2.81	2.88	4.23	4.34	.25	4.09	3.79	6.07	2.80		35.60
TOTALS...	28.30	12.71	24.05	30.12	31.18	33.88	28.72	33.94	31.51	29.99	31.45		365.75

1920 Therm Screen 6 ft high 12 ft S

Inspected 1916.

1925 Small Look-out Tower at Coast Guard Station 22' high 51° S.E.

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

Reference No. \_\_\_\_\_

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	5° 0' 48"	0° 32'	Littlehampton	1 mi	NW	St. Catherine's	1/4 mi N

## RAINFALL at Littlehampton (Met. Station) M.W.R.

County of Sussex

Observer Thomas Benson, Esq.

River Basin Arun 2

The Sanitary Inspector (491)

Type of Gauge 7.0.

The Queen's Clerk  
Court of the U.D.C.

Annual Average 26.2 in. based on 24 years obs. un-weighted. Period of average

1881 - 1905

Ref. S

660368/26.

Diameter	5	5"									
Height	10	10"									
Altitude	27'	15'	10'								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total 15 Years
January	2.42	2.81	2.17	2.19	.92	4.16	6.53	3.84	5.48	3.09	32.61
February	1.65	1.15	2.35	0.01	3.52	2.79	4.96	7.70	1.40	2.80	20.33
March	.62	1.31	2.24	2.48	.80	1.24	4.02	4.42	1.34	3.09	17.76
April	2.85	2.25	1.16	2.65	3.50	1.85	2.37	.21	2.82	1.12	20.78
May	2.89	3.33	3.21	1.44	1.07	.83	2.25	1.63	1.84	1.12	18.61
June	1.39	1.28	2.20	.97	1.96	3.65	1.18	.55	.90	.87	14.95
July	3.08	2.91	1.20	1.02	.44	3.60	1.42	1.54	2.39	2.12	20.02
August	2.81	.72	.82	2.09	3.45	.39	1.57	2.18	2.08	-	16.11
September	2.09	2.76	3.88	1.55	4.03	1.77	2.03	2.78	1.18	1.80	23.87
October	.39	6.61	1.59	1.72	4.81	1.99	2.43	3.58	6.31	3.42	32.85
November	3.30	1.47	1.06	4.72	6.91	4.42	1.99	3.70	7.29	7.89	42.75
December	.94	1.02	1.01	8.24	4.19	1.74	3.76	3.07	1.84	2.29	28.10
TOTALS	24.43	26.62	22.89	28.08	35.60	28.63	33.51	24.50	34.87	29.61	288.74

Inspected 4/4/33. Gauge badly dented. Rain adfuled.

Inspected 2/6/36. \*Calibration (6.6.39)

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

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

Station No. 1 unit 2. (M.W.R. 201)

## RAINFALL at Littlehampton (Met. Station) ✓

41

*County of Sonoma.*

Observer blank to the U.D. by

### River Basin Answer 2:

Observer Blank for the U.D.b

Type of Gauge M.A.Q.

Annual Average 2.02.2 in. based on 214 years obs. un-weighted. Period of average 1.2.21-1915 Ref S.

Ref. S

File No. ~~bbo 3b9/81~~

Diameter	5"		316	058						
Height	1'0"			3						
Altitude	19'			41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	Total Means
January	3.83	2.84	5.76	2.38	1.51	2.13	3.02	5.32	1.05	28.81
February	2.73	.91	1.41	.58	2.10	3.13	2.50	1.49	1.09	4.51
March	2.20	2.99	.48	.22	1.49	1.23	7.21	.31	1.19	1.37
April	1.20	1.10	1.10	1.57	.87	1.90	1.54	.98	.99	2.22
May	1.70	2.38	2.79	.89	2.03	3.25	1.26	1.81	1.56	1.24
June	1.67	.37	1.11	1.24	2.04	2.57	2.68	1.87	.42	1.04
July	2.13	1.85	2.88	2.02	7.30	1.39	1.96	1.06	.22	3.03
August	3.05	3.54	1.33	1.57	2.47	4.95	.80	4.46	1.22	2.13
September	.27	2.51	1.28	2.17	1.95	3.07	1.29	1.82	1.54	2.92
October	.94	3.88	3.07	4.27	2.78	.73	.75	1.71	9.15	.53
November	3.12	1.76	1.73	4.91	.16	4.59	1.37	2.34	3.47	5.43
December	1.96	2.90	2.30	1.72	4.10	3.17	2.39	3.05	1.95	2.39
TOTALS	24.80	27.02	25.24	23.54	28.80	32.11	26.77	26.22	23.85	27.78
	P	D	P	D	D	D	D	D	D	D

1948 Most of the instruments 1/2 miles above near Bemidji recorder is completely submerged.

Incubated. 17° K.S. strength, 7.6-61. Preparations not recommended but it is recorded that for times to N. should

be lowered to 6 ft. or site changed slightly to conform to meteorological requirements.

All peak instants are in bouldering green enclosure with load of five times 15% height, 15% KN.

30/1/50. New 5" H.O. gauge & measure first.

1150 Old gauge leaking, new gauge & measure ordered.

238.3

*Position of Station on reduced Ordnance Survey Map,* | *No. of Map.*  
1 mile to 1 inch Series

*Reference No.*

Station No. 442

M.W.R. 51

## RAINFALL at LITTLEHAMPTON (MET. STATION)

County of SUSSEX

Observer Clark to the U.D.C.

River Basin ARUN - 2

Type of Gauge M.O. 17.126.52.45

Annual Average 26.2 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref. S  
28.24 " " 26 " 1931-1956 1916-1950 P  
File No.

Diameter ...	5"			316	058				5"		
Height ...	1' 0"					3			10"		
Altitude ...	19'					51			15'	15'	10'
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Total Means
January	3.77	2.77	1.19	1.52	3.97	4.93	1.97	4.55	3.37	3.04	31.08
February	6.41	.70	4.49	2.54	1.67	.59	4.19	2.83	0.13	3.83	24.28
March	3.82	3.09	.24	3.24	.95	.29	1.58	1.31	2.02	2.29	18.83
April	2.37	1.37	2.23	.33	.24	1.56	.10	.58	2.29	0.79	11.86
May	2.28	2.62	1.58	1.57	3.09	.41	.87	2.87	.39	1.66	17.34
June	1.94	.98	1.95	2.61	2.24	2.07	1.73	3.27	.44	1.37	18.60
July	2.14	.64	2.65	4.51	.40	2.61	4.09	1.49	1.15	3.01	22.69
August	3.72	1.75	1.68	2.91	1.94	2.68	2.42	4.24	1.34	6.01	28.69
September	3.12	4.62	3.64	2.15	2.05	2.99	3.35	4.13	.12	5.14	31.31
October	1.43	3.39	3.75	2.22	2.67	1.76	1.58	2.73	3.02	7.82	30.07
November	4.63	3.66	1.64	6.23	1.29	.78	2.66	2.18	3.67	5.93	32.67
December	2.48	3.44	.80	2.32	3.86	4.24	1.95	3.63	7.13	4.41	34.26
TOTALS ...	38.11	29.03	22.54	32.15	24.57	24.91	26.49	33.81	25.67	45.00	301.68
	D	D	D	D	D	D	D	D	D	D	P.

Prop. H.P. R. Bidley 30.7.52. tree 25 ft N gauge new 25 ft high, lopping required. Hydrograph 0/5. Trunk to maximum height provides some shelter. Repair & resiting required.

Prop 15' February 7.5.53 tree 20-25 ft. 35 ft. N.W. Lopped since last inspection still obstructing 1955. May - inspected - tree of gauge slightly bent - overhanging by tree to W. & N.W. Has hydrograph 1957. Inspected by Mr D.C. Jones 9.5.57. Gauge in fairly good condition. Trees were lopped in 1956.

Exposure satisfactory, but may become over-helterred in a yr. or two.

Imp. 17.9.59 G.B.V. Maintenance. - Satisfaction.

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference 51/033018

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - RECEIVED

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1915 ✓	✓	✓	✓	✓