



## 20

Observer C. T. Gardner Esq.

1925. Thomas Benson Coq.

*Snowdon*  
*Mt. Society* Rain Gauge, by  
*W. G. No 387*

Sanitary Inspector U.D.C.

Diameter ...	5"			Sept. 14. 19814						316058		
Height .....	1	0		NGR: TQ(51) 029014						TQ(51) 033019		
Altitude ...	16	27		alt: 8m						alt: 5m		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MARS.	Sums.
January ...	4.17	2.52	3.35	1.42	2.48	4.41	3.60	2.07	14.14	1.41	3.144	33.61
February ...	.63	.52	2.65	4.13	.26	4.02	2.49	3.61	1.67	1.32	1.61	22.91
March .....	1.98	.85	1.37	2.15	1.42	.31	.42	2.85	2.04	.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	18.89
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	26.05
September...	3.76	.40	1.64	1.97	2.96	2.36	.32	5.10	0.68	.66	2.69	22.54
October .....	1.98	.96	.72	5.85	4.29	2.92	2.37	1.66	6.34	4.11	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	3.49	6.07	2.80	35.60
TOTALS...	28.30	12.71	24.05	30.12	31.18	33.38	28.72	33.94	31.51	29.99	31.45	315.35

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  
 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° 48'	0° 32'	Litchampton	1 mi	NW	St. Catherine's	1/4 mi	N

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

County of SussexObserver Thomas Benson, Esq.River Basin Arun 2The Sanitary Inspector (1911)Type of Gauge 7.0.Shadwell Clock  
Chick to the V.D.C.Annual Average 26.2 in. based on 24 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S

660368/26.

Diameter	5					5"					
Height	1 0					1'0"					
Altitude	27'		15'			15'			*19		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
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	.15	2.35	0.01	3.52	2.79	4.96	.70	1.40	2.80	20.33
March	.62	1.31	2.24	2.48	.80	1.44	4.02	.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	.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	20.08
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 derided. Rev. adjusted.  
 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge



RAINFALL at Littlehampton (Met. Station)

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County of Sussex Observer Blantz to the U.D.C.River Basin DownType of Gauge N.A.C.Annual Average 25.2 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref. 5File No. 66060/25

Diameter	5"											
Height	1' 0"											
Altitude	19'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Total	Means
January	3.83	2.84	5.76	2.38	1.51	2.13	3.02	5.32	1.05	.97	28.81	27.84
February	2.73	.91	1.41	.58	2.10	3.13	2.50	1.49	1.09	4.51	20.45	15.94
March	2.20	2.99	.48	.22	1.49	1.23	7.21	.31	1.19	1.37	18.69	17.32
April	1.20	1.10	1.10	1.57	.87	1.90	1.54	.98	.99	2.22	13.47	11.25
May	1.70	2.38	2.79	.89	2.03	3.25	1.26	1.81	1.56	1.24	18.91	17.67
June	1.67	.37	1.11	1.24	2.04	2.57	2.68	1.87	.42	1.04	15.01	13.97
July	2.13	1.85	2.88	2.02	7.30	1.39	1.96	1.06	.22	3.03	23.84	20.51
August	3.05	3.54	1.33	1.57	2.47	4.95	.80	4.46	1.22	2.13	25.52	23.39
September	.27	2.51	1.28	2.17	1.95	3.07	1.29	1.82	1.54	2.92	18.82	15.90
October	.94	3.88	3.07	4.27	2.78	.73	.75	1.71	9.15	.53	27.81	27.98
November	3.12	1.75	1.73	4.91	.16	4.59	1.37	2.34	3.47	5.43	28.87	23.44
December	1.96	2.90	2.30	1.72	4.10	3.17	2.39	3.05	1.95	2.39	25.93	23.54
TOTALS	24.80	27.02	25.24	23.54	28.80	32.11	26.77	26.22	23.85	27.78	266.13	238.33

1948 Rose from 14.5 to 15.5 miles to be near bench mark 20 on the plateau 1948

Inspection. (T.H.S.) month 7.6.48. Proposed more not recommended but it is recommended that for know to N. should be kept to 6 ft. or site changed slightly to conform to meteorological requirements.

At present instruments are in working order and some will be of first time 15 ft high, 15 ft KN.

30/1/50. New 5" M.O. gauge &amp; meteorological.

1/50 Old gauge looking, new gauge &amp; measure ordered.

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. 442

M.W.P. 201

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RAINFALL at LITTLEHAMPTON (MKT. STATION)County of SUSSEXObserver CH. R. & M. U.D.C.River Basin ARUN - 2Type of Gauge M.O.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 Ref. P

File No. ....

Diameter ...	5"			316	058				5"		
Height ...	1' 0"				3				1' 0"		
Altitude ...	19'				51			15'	15'	10'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Totals 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	4.19	2.54	1.67	.59	4.19	2.83	0.13	3.83	24.28
March ...	3.82	3.09	2.4	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	1.3	4.01	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	25.07	45.00	301.68
	D	D	D	D	D	D	D	D	D	D	

Prop. H.G. R. Bidley 30.7.52. Ins 25 W. N. gauge new 25 W. high, lopping removed. Hygrometer O/S raised to maintain height provide some shelter. Repair & reseting recorded.  
 Insp. 17. Jan 7.5.53 Ins 20.25 Apr. 3.5 W. NW. Lopped since last inspection while obstructing.  
 1955. May. inspection - run of gauge slightly bent - overhauled by. Ins to W. & NW. New hygrometer  
 1957. Inspected by M. D. C. Jones 8.5.57. Gauge in fairly good condition. Trees were lopped in 1956.  
 Exposure satisfactory, but may become over-sheltered in a yr. or two.  
 Insp. 17.9.59 by S.N. Mainwaring. - Satisfactory.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 51/033018

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
	C 1915	✓	✓	✓	✓
	✓	✓	✓	✓	✓