

RAINFALL at Cowes, I.W. BroadfieldCounty of Hants.Observer John W. Webster, Esq. C.E.River Basin Solent

Rain Gauge, by _____

Diameter ...	5										
Height	10		10								
Altitude ...	161										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.53	1.41	4.20	5.18	.71	4.33	1.41	1.14	3.54	5.61	
February ...	4.01	1.83	2.52	1.35	4.92	5.84	4.81	.91	1.13	2.73	
March	1.15	1.89	3.85	3.29	5.12	.68	3.61	3.11	1.04	4.55	
April	1.65	1.42	.06	2.65	1.09	1.25	.55	2.17	2.06	1.93	
May	1.52	1.64	1.12	2.30	1.01	3.24	1.43	1.71	1.63	.38	
June	2.58	1.78	3.48	.88	.79	.53	2.07	1.57	1.18	.83	
July	2.50	.29	2.27	1.05	2.97	3.19	.73	3.09	3.01	1.18	
August	1.90	.51	6.90	2.09	2.03	1.35	1.90	5.07	2.14	3.03	
September ..	.15	1.16	3.23	3.67	1.46	3.90	1.89	1.67	5.82	1.38	
October ...	5.84	4.97	3.57	3.85	3.48	4.14	4.91	5.18	1.65	.59	
November ...	4.28	5.54	1.93	3.88	4.44	3.10	4.62	1.22	2.26	2.72	
December ...	5.08	8.61	4.23	1.51	10.02	9.34	4.64	1.07	3.19	6.46	
TOTALS ...	33.19	31.85	37.36	31.33	38.04	40.89	32.60	27.91	28.65	31.39	

1910 Recd. 14. II. 12
 1912 P. 5 3ft high 50 yds W

Endd 14. II. 12

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Cowes	1 m	NE	S. Mary	1 m	NE

RAINFALL at Cowes H. H. BroadfieldsCounty of HampshireObserver J. H. Webster Esq. C.E.River Basin Isle of Wight 1.Water Engineer.Snowden Rain Gauge, by

Diameter ...	5"											
Height	1	0										
Altitude ...	161											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	4.52	4.66	5.43	1.57	2.55	5.53	4.43	2.34	5.47	1.36	4.96	
February ...	5.3	2.0	2.73	6.06	4.5	5.63	1.40	3.74	1.78	.83	.65	
March	2.39	1.14	2.81	1.71	1.92	.32	.41	3.18	2.91	.21	1.23	
April	3.12	1.00	3.69	3.19	2.91 3.27	2.87	3.00	1.79	1.90	.80	2.20	
May	1.18	1.53	.88	2.66	2.65	3.76	2.11	.63	1.38	2.49	2.00	
June	2.27	.11	2.18	.34	2.06	.00	2.69	2.35	2.18	1.70	.57	
July	5.44	.33	3.96	.60	2.51 2.55	2.84	1.26	2.45 2.38	1.89	1.85	1.67	
August	1.28	2.31	2.33	2.53	2.96	4.21	.96	3.09	1.90	1.66	3.09	
September...	2.56	.78	1.87	2.63	5.06	2.87	.48	6.68	1.15	.87	3.28	
October	3.09	1.49	1.16	6.54	5.54	4.15	2.56	1.98	6.76	4.57	3.016	
November...	1.78	2.28	2.30	1.58	3.03	3.91	7.62	3.07	3.03	8.09	5.23	
December...	3.27	1.70	5.03	3.70	5.47	4.20	.31	4.37	3.30	7.22	3.58 3.67	
TOTALS...	31.43	17.58	34.37	33.11	37.77 37.45	40.19	27.53	35.67	33.95	50.65	31.562	

(1922) g. in open situation

1924 } Monthly totals corrected: 5084
 1927 } 12.1.60
 1930 }

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Cowes	1 mi	N 1/2 E	St Marys	1 mi	N E

RAINFALL at Cowes W.W. (Broadfield)

A.E. Smith, Esq., C.E.

County of HampshireObserver J.W. Webster, Esq., C.E.River Basin Tale of Wight I.Type of Gauge M.S. Sardon (1936)

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

S37044/36

Diameter	5											
Height	1	0			10"			1	0			
Altitude	161							T.				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.47	3.24	2.82	2.57	1.18	4.68	5.98	3.34	4.56	3.04		
February	1.93	03	3.65	0.00	3.66	2.46	4.93	4.6	1.24	3.26		
March	1.23	1.17	3.67	2.97	.73	1.73	2.89	.32	1.29	2.97		
April	3.03	2.61	1.11	1.96	2.82	1.55	2.48	.00	1.93	.91		
May	3.65	5.60	2.03	.91	.84	.32	2.70	1.31	0.85	.78		
June	2.12	1.69	1.42	1.20	2.45	3.82	.78	.59	1.52	.20		
July	3.66	2.98	1.99	.74	2.88	3.65	1.57	2.10	3.24	3.18		
August	2.97	1.44	0.74	2.45	4.70	20	1.14	.98	1.70	.00		
September	1.80	2.91	3.17	2.81	3.96	3.06	2.39	2.04	0.68	1.75		
October .....	.60	7.13	2.08	2.18	3.69	.85	3.47	4.22	7.76	3.98		
November	5.73	2.04	0.72	3.44	7.45	4.63	2.51	4.79	6.87	8.73		
December .....	.70	1.15	0.75	9.34	3.13	2.74	6.45	3.26	1.86	2.64		
TOTALS	29.89	31.93	24.15	30.51	37.49	29.69	37.29	23.63	33.50	31.44		

1935 np - gauge situated north of a small river

1936 np.

T. Tuff wall erected round g. 9/9/38.

1940 Feb 16th obsd.

1940 no defects near to gauge

1934 Monthly totals corrected. Sept 12.6.60

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 Direction from gauge	Parish Church.	Distance Direction from gauge
1937			Cowes Mill Hill.	800 yds ENE	Cowes St Marys	1100 yds N.N.E.

RAINFALL at Stowes W.W. (Broadfields)Station No. 609

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County of HampshireObserver The Engineer & Surveyor
A. E. Smith Esq. R.E.River Basin Salisbury & Wight

(7.11.1949)

Type of Gauge Snowdon

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

" 20.5 in computed by Mr. Enrich (1936) File No. 537044/36

Diameter	5"				334	509					
Height	1' 0"										
Altitude	161'					41				150'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.82	4.03	5.71	2.36	1.73	2.87	2.95	5.54	.96	.96	
February	3.29	.37	1.63	.57	1.97	2.74	2.87	1.36	1.13	5.02	
March	4.57	3.25	.73	.19	.90	1.21	5.64	.89	1.74	1.60	
April	1.15	1.74	.96	1.60	1.36	2.66	1.93	1.74	1.58	1.93	
May	2.20	3.30	2.42	.40	1.78	3.41	1.08	3.07	1.73	1.72	
June	1.12	.69	1.70	1.49	2.66	3.28	1.56	2.21	.75	1.65	
July	2.12	1.74	2.18	3.26	3.14	.91	1.07	1.04	.33	4.23	
August	5.89	3.10	1.45	1.64	1.94	4.49	1.14	3.94	1.42	3.13	
September	.90	2.63	1.73	1.79	2.52	3.52	1.16	2.25	2.76	4.25	
October	.79	4.14	4.39	4.68 4.77	3.68	1.33	1.26	2.17	10.03	1.84	
November	3.25	1.29	1.53	5.59	.22	5.12	1.65	1.64	2.50	5.57	
December	1.90	4.20	2.63	2.80	5.07	3.18 3.46	3.40	4.50	2.22	2.60	
TOTALS	30.50 D	30.48 D	27.06 D	26.37 26.46 D	26.97 D	34.92 35.20 D	25.71 D	30.35 D	28.15 D	33.53 D	

1947 No objects near.

1944 } Monthly totals corrected 644
1946 } 12.1.60

3 Tuff wall sound gauge.

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			Mill Hill	800 yds	ENE	St. Mary's Cowes	1100 yds	NNE

BRITISH RAINFALL ORGANIZATION

Station No. 609

RAINFALL at 8 CONES W.W. (BROADFARMS)

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County of HAMPSHIREObserver THE ENGINEER & SURVEYORRiver Basin ISLE OF WIGHT - 1

I. W. WATER BOARD (1951)

Type of Gauge SNOWDON

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

29.8 in. computed by Mr. Cornish (1936) Ref. 56/245/16 Period of Av. 194-1950

32.26 - Based on 1st years obs. 1940-1953 File No. 527044/36

Diameter ...	5"				334	509				5"	
Height ...	1'0"					1				10"	
Altitude ...	150'					51				160'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.72	3.03	1.19	1.77	3.72	4.62	2.61	4.28	3.28	4.22	
February ...	6.47	.62	1.20	3.32	1.83	.11	3.93	2.94	.21	3.00	
March ...	4.22	3.85	.44	3.74	1.12	.47	2.02	1.32	2.51	2.05	
April ...	2.82	2.23	1.48	.30	.53	2.13	.10	.59	2.33	1.25	
May ...	2.38	2.47	2.81	2.10	3.56	.28	.89	2.48	.75	1.98	
June ...	1.24	1.47	3.98	3.17	3.03	2.30	1.28	3.57	.69	1.67	
July ...	3.59	.52	3.48	3.95	.82	2.65	4.18	2.05	1.79	3.41	
August ...	4.77	2.49	1.55	2.20	1.08	2.98	2.08	3.96	1.61	4.62	
September ...	3.91	5.72	3.30	3.16	1.81	3.09	3.22	4.66	.15	6.69	
October ...	1.44	4.31	3.61	2.58	3.12	1.08	2.45	3.38	2.99	8.09	
November ...	10.86	4.56	2.13	5.71	2.44	.68	3.41	2.69	2.89	6.69	
December ...	3.13	2.84	.77	3.07	4.16	4.84	2.60	3.44	7.65	4.67	
TOTALS ...	48.51	34.11	25.94	35.07	27.22	25.23	28.77	35.36	27.85	48.34	
	D	D	D		D	D	D	D	D	D	

1954. Pumping Station of height 25' & distance 20' W.

Inspected 21.1.60 by G.H. Butler. G. in poor condition. Inspected delivery and control waterlogged. Site of 1953-54 except SSW to NW

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 52 40 1490950

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge.	Parish Church.	Distance Direction from gauge.
1951			Wile Hill	1/2 m. NE.	St. Mary's.	2 1/2 m. N.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓ MP 35-39	✓	
	✓	✓	✓	✓	