

RAINFALL at Cowes, I.W. Broadfield

County of Hants.Observer John W. Webster, Esq. C.E.River Basin Isle of Wight 1

Rain Gauge, by _____

A

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	2.66	1.09	1.25	.58	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	3.88	3.48	4.14	4.91	5.18	1.65	.89					
November ..	4.28	5.54	1.93	3.68	4.44	3.10	4.62	1.22	2.26	2.72					
December ...	5.08	8.61	4.23	1.81	10.02	9.34	4.64	1.07	3.19	6.46					
TOTALS ...	33.19	31.05	37.36	31.33	38.04	40.89	32.60	27.91	28.65	31.89					

1910 Recd. 14. II. 12
1912 P. 5 30ft high 50 yds W

Endd. 14. II. 12

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

RAINFALL at Cowes R.W. Broadfields

County of Hampshire

Observer J. W. 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	MEANS.
January ...	4.52	4.66	5.43	1.57	2.55	5.53	4.43	2.34	5.44	1.36	4.96
February ...	5.3	2.20	2.73	6.06	2.45	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	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	.70	.57
July	5.44	.33	3.96	.60	2.51	2.84	1.26	2.45	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	5.36	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
TOTALS...	31.43	17.58	34.37	33.11	37.77	40.29	27.53	35.60	33.95	30.65	31.512
	0	0	0	0	0	0	0	0	0	0	✓

(1922) g. in open situation

1924 }
1927 } Monthly Stds corrected 12.1.60
1930 }

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

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920			Cowes	1 mi	N E	St. Marys	1 mi N E

RAINFALL at Cowes W.W. (Broadfields)

County of Hampshire

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

Observer J.W. Webster, Esq., C.E.

River Basin Isle of Wight

Type of Gauge Mc. Snadon (1936)

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

Ref.

S37044 36

Diameter	5	Height	1 0	10"		1 0	T.						
Altitude	161	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	3.94	4.56	3.04			
February	1.93	0.9	3.65	0.00	3.66	2.46	4.93	4.8	1.24	3.26			
March	1.23	1.17	3.67	2.97	1.73	1.73	2.89	3.2	1.29	2.97			
April	3.03	2.61	1.11	1.96	2.82	1.65	2.48	0.00	1.93	1.91			
May	3.65	5.60	2.03	0.91	0.84	3.2	2.70	1.31	0.85	1.78			
June	2.12	1.69	1.42	1.20	2.45	3.82	1.78	1.59	1.52	2.20			
July	3.66	2.98	1.99	0.74	2.88	2.98	3.65	1.67	2.10	3.24	3.18		
August	2.97	1.44	0.74	2.46	4.70	4.10	2.0	1.14	0.98	1.70	1.00		
September	1.80	2.91	3.17	2.81	3.96	3.06	2.39	2.04	0.68	1.75			
October	1.60	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	0.70	1.15	0.76	9.34	3.13	2.74	6.45	3.26	1.86	2.64			
TOTALS	29.89	31.99	24.16	30.47	37.49	29.69	37.29	23.63	33.50	31.44			
	29.89	31.99	24.16	30.51	37.59	29.69	37.29	23.63	33.50	31.44			

1935 m.p. gauge situated outside of a normal window

1936 n.p.

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

1940 Feb 16th 1941

1940 no shelter near to gauge

1934? Monthly totals corrected. 1935? 12.8.60

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 from gauge	Direction	Parish Church.	Distance from gauge
1939			Cowes Mill Hill	800 yds ENE		St Mary's Cowes	1100 yds N.N.E.

Station No. 609

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RAINFALL at Cowes W.W. (Broadfields)

County of Hampshire

River Basin Isle of Wight

Type of Gauge Snowdon

The Engineer & Surveyor.

Observer G. E. Smiley Esq. M.R.E.
(? 1st Heale 1949)

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

Ref.

" 20.8 in computed by Holtermann (1936) File No. 561245/36 553-0144-3 b.

Diameter	5"			334	509						
Height	1' 0"					1					
Altitude	161'					41					158'
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	2.94	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	1.68	
July	2.12	1.74	2.18	3.26	3.14	.91	1.07	1.04	.33	4.23	
August	5.39	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	3.62	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	1.03	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	3.40	4.50	2.22	2.60	
TOTALS	30.50	30.48	27.06	26.37	26.97	34.92					
	D	D	D	D	D	D	D	D	D	D	

1947 No object's mean.

1946 } Monthly Total converted 9.64
1946 } 12.160

3 Turf wall round gauge.

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
1941			Mill Hill	800yds	ENE	St. Mary's Cowes	1100yds NNE

Station No. 609

RAINFALL at 8 COWES W.W. (BROADFIELDS)

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County of HAMPSHIRE

Observer THE ENGINEER & SURVEYOR

River Basin Isle of WIGHT - 1

I. W. WATER BUREAU (1951)

Type of Gauge SNYDON

Annual Average in. based on years obs. un-weighted. Period of average Ref.
 " 29.8 computed by Mr. Cornish (1956) Icf. 661245/16 / Period of Av. 1946-1950 5
 " 32.26 Based on 126 years obs. 1946-1953 File No. 637044/36

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	6.62	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	2.61	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	1.74	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	3.88	2.99	8.09	
November	10.86	4.52	2.13	5.71	2.44	.68	3.41	2.69	3.89	6.69	
December	3.13	2.84	.77	3.07	4.16	4.84	2.60	3.44	7.65	4.67	
TOTALS	48.54	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	D	

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

Reported 21.1.56 by Mr. Miller, g. m. for conditions. Turf wall deteriorating and centre waterlogged. Site of 1953 was except SSW to NW

1490952

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference S2 140 / 1490952

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Mile Hill	1/2 mi.	NE.	St. Marys.	2 1/3 mi. N.

Summary of Earlier Records from 10-year Sheets :

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